

58-11,12

# To the moste high and vertuous Prin:

cesse, Queene Elizabeth, by the grace of God, Queene of Englande, France, & Irlande, defendour of the taythe &c. Her maiesties most humble &

louinge lubicate Thomas Bemini, inpffheth profperous

Omne li forthe fortholmost of June al de puller apparage fom mit of libert toffen?

Ras pue be as bolye innocent Aban whole progenie we are albeit som what be



DRAS PACE & as holye feripture bearing wyttenede (mode bonozable Princede) it pleased the only and almightye God to create man to the limilitude of his lykenes, not only in spirite resemblying the deitye of the eternall sather, but also in bodie bearing the shape of Christe oure God and sautoure whose humane nature is nowe in

feparably brite with the fathers beitye eralted and fublis med from corruptible nature as the first frutes and onlye bope of oure reditution after tyme of corruption thalbe accomplified, forafmuche (3 fage) as he bath bouchefaued thus to make be lyke buto bym felfe, not bifbeininge euen while toe pet line in thefe corruptible bodges and fynkes of fynne to call be his chilozen and brethren of Thrifte, me thinketh boubtles that this well confydered, we can no wayes come foonner to the knowledge of God, then first to learne to knowe our felnes. Whiche certenly if we byd eracly in all partes and conditions as we ought to doo (as both fearfely one amonge many millions) I beleue berely that the cotenu plation therof wolde aswell one waye rebate the denelythe and unfatiable papee of our carnal courage, and withdrawe bs from outragious embrafynge of worldlye banities, as o therwyle mone be with motte behement sele and with all the poures of our bobie, spirite, and mynde, to love suche a father by whose grace and bountifull benignitie, we have receased a nature affociable to Angels and buible to the glorified bodie of his sonne Christ. And here do I thynke connentent (mott mightie Princelle) fomiwhat to fpeake of the fonde errour not only of the common people, but also of forume fuche as are not btterly boybe of knowledge, who nevertheles when they heare or reade certein wordes of hos by fcripture fpeakynge against the flethe and the worlde, bo greatly militake thole woodes and folythly opfpile and contemme the marnelous creatours of God wherin thyneth the poure and toploome of his inufible beitie as thercellengie of the artificer is feene in his woothe (if we mave cons pare finale thinges to greate. And certes) (as learned De-lanchthon hath well written)if a facrament bee the fygne of a holy thinge, there are as many facramentes as creatours of God, foralmuche as they are all lygnes of the boly poure and wyldom of God, and therfore al Sacrametes, although And therfore wherefoeuer not facramentes of faluation. the feripture fpeaketh againste the fleshe and the worlbe, is to be biverftoode the concupifcence therof and fpnne which ts not the creature of God, but of the deuell and man . The boble therfore of man in as muche as it is an ercellent creas ture of God , made to bis owne likenes ; one of the chefelt natural Sacramentes of his diuine power and wylome, is not to be despited as a vile thing, neyther may any speake enil therof without blasphemie. How he that made Ire, made not the ruft : neyther is fubitance , corrupted by accidentall

prination, as Dionifius Areopagita both largely beclare.
The princely Prophet Danio, speakings of the dignitie of man(that is to fate this reasonable beatt consisting of dinns picite and flesse), although perhappes be ment of the Arks

generat by fynne, pet ertolleth he oure paimatine nature (bearynge the same thape that we nowe beare) to be lytls inferiour bnto Angels, to great is the poner of the creatour, of fuche a made of corruption, to frame fo dinine a creature A divine beaft maye he woorthely be called, foralmuche as he onely a monge all other creatures lyuynge in flethe, bath recepted a supernaturall postion of the spirite of God, as wytnesseth the prophete esoras sayinge: He made man and placed his harte in the myddelt of his bodge, and gane hym fpirite, lyfe, and binderstandinge and the breath of the al mightye that made all thynges. c. Which dignitie of man, the mothe auncient a godly philosopher Percurius Erifme gillus ivel confederinge, made this comparation (if I maye fo cale it ) betwene God and man , that he called man an erthely God mortall : and God a heauenlye man immortall. A fentence feurly worthy fo biuine a philosopher. The fame Mercurius agen, infpired with the fpirite of pomander, af firmeth the fyat God to be the father of the woalde, and the ivoribe to be the fecond God the foonne of the first, and mais to be the thirde God and foonne of them bothe: Pot onelys bearinge the similitude of the fecode, and therfore talled Mis crocosmus (that is the lesse worlde) but also havinge the intelligence of the firtt. And furthermoze beclarynge hows man is made to the fimilitude of God, as a dinine 3dea 03 forme impreffed in corporall fubitaunce , be writeth in this maner : If by the contemplation of fuche frayle and corrus ptible thinges as are created belowe bpon the earth, thewe arte desirous to seeke God the artisser, conspor well the woozkemanshippe of mans bodie, wherby thou mayest learne who was the framer of so goodly an Image who (I praye the) paynted the eyes? Who turned the holouncie of the eares and noticels: Who threached the lippes clofe to the mouth with watered the begines: with bente and tied the functives: To hardened the bones in a matte fubfface? Taho conered the delhe with thynne fkynner witho dinided the fingers and fointes. Who extended the foundatio of the feete : maho bosed through the pores and conductes : With gathered together the fplene a firmid it : mho framed the barte tharpe point of : Who reached foothe the beaunches of the lyucr: Who graved the pipes of the loonges : Who gave large capacitie to the belies Who placed the fences in the header! In fine, who figured the most honorable membres to be openly frene, and couered the filthy from fight? Beholde I praye the bow manye woorkes of binine art are theweb in one matter, and all to placed in fapze and good of ber, that differynge one from the other in there proper offb , they confent neterthelette to the beautye of the hole. Witho hath made thele lo divers and many Witho was there mother: or what father had thep! Herely none other then the invilible god, who made all according to his owne will and wylbome. For wheras nepther picture or Image was cuer made without a carpentour, grauer, oz paynter, 3tis greate impictye and boyde of all reason to thinke that the worlde was framed without a maker: eyther that beautye and becent order, can be performed by any that is not of it felfe moffe beautifull,ordinate, and perfect. For howe is it possible that beformitie chulde give favoure, whiche it bath

net at all D mott blynd and toycked toreche oppreffed with barkeneffe of ignozance fo to thinke? We ware therfore(my foonne Matus) that thou neuer bepatue the artificer of his woorkemanshippe. But rather calle God father by bis mofte conuenient name, fozalmuche as he hath begotten all thinges. De if thou wilte pet further inforce me to fpeake What 3 thike, berely 3 frase in boubte whither 3 man moze prayle bym for the thynges he hathe bonne , or for that he ath not yet bonne, but kepte in filence as knowen onely to bymicife, and to bee bone when he Mall thinke beft. This the great Coo that is most prinic and met apparent.ge. Detherto Mercurius. It were to long here to beclare with what marnelous bemonttratios he proucth that man com. manicateth with all creatures: as with Angels, and fo with god by intellectine poure whiche he calleth the mynde the Supreme parte of the reasonable soule. With the heavens by his foule. With the inferior worlde and fpirite thereof, by his fpirite and elementall bodie. With beattes also by Benfe: and with begetables a mineralles, by certen partes If his botie. Whiche woodes well condered, it may appear re that none bath better then be, beclared why in holy feripture, man is named Omnis creatura. So that, who fo in all artes learneth to knowe himselfe, may therby come to no smale knowledge of God and all his creatures. Woorthely therfore as a holy oracle was written over thet core of the temple of Apollo in Delphis. NOSCE TEIPSVM. And Thales the philosopher demaunded what thinge was harbest to be doone, to knowe thy felfe quod he. Whiche as it is molte harde, foisit most woorthy. Also Demonas de. maunded when he first profited in the fludie of philosophie, then (quod he) when I began to know my felfe. Further. more Pacrobius in his commentaries byon the orcame of Scipio, reherleth that one demanding of the oracle by what meanes be might come to felicitie, was answered : If thou thalt knowe thy felfe. And thus (most mightic Princelle) as Ive have partely occlared by tellimonie of holye fcriptuze, by oracies, and fententes of philosophers, howe goodly and necessaries thinge it is for be to know our felues, ener in I boubte not but that it halbe berge belectable bito your maichtie to whome I knolve god hath gyuen a noble fpirite and a selous harte to honoure hym in true religion and reucrend contemplation of his creatures (3 bonbt not ) 3 fage but that your highnesse and all other vertuous readers, will take lyke pleasure in bearinge thopinions of the philitions: and especially of Galen: who in his large bolume of the ble of the partes of the bobie of man , bath fo learnedly and philosophically entreated of this matter, that (if it mays be fpoken) he might in maner feeme to have byn of confayle with God when he betermined to make man. De therfore in his firt booke intiteled De conflitutione atis Medicae , with teth in this maner. Like as to hym that shall byloe a newe house, or repayze a house that is faulne in bekeye, it shalbe necestarie first eractly to know all the partes of A house and the framyng therof, even fo to hym that thall make an arte of the constitution of mans bodie, it shalbe necesarie partiof what fubstance , what bigneste, of what figure or forme and nombre they are: and finally what frame thall arife of them all foined togyther. And as he that defyreth to knowe the architedure of a houfe alrebie buyloed , can not come to the knowledge of the particulars therof other wpfe then by the resoluting the house into partes, So can not we other tople come to the knowledge of the collitutio of mans body, then by the ANATOMIE, (that is) difinembering of the same. For God and nature, as he that first determineth to buylde a house, knewe first the partes, and put them in die according but other emplar. And we followe him that behold beth the house alredy buploce . Agains in bis thirde books

De usu partiem, after that he bath largely spoken of the bome of God, which is sensibly seens in the constitution ale of the partes of the body of man , he waiteth in this mance. All thefe thinges are the woodkes of the mole wyls creatoz, bnto whome I confecrate thefe my Commentaries as bymnes to his laude and prayle Protetting therby that & acknowledge him to be molte holy, and bo therfore facrifice buto him, thefe frutes of my transiles : Pot as the facrifice Hecatomte of many Bulles ,neither as offeringe aboundaucs of livecte lpices oz odoziferous oyntementes : Wut firtt to knowe him , and then to beclare to other howe great is bis wyloome, bertne, prouidence, and goodneffe. The ignorance wheref, is great impictie, rather then to ablicine from facto fice. Foz in that he hath abourned al thinges with conneniet belotie , and bath ennico good to noone , thinke that to be manifeft token of his perfed goodneffe. Againe to have et cogitate howe to abourne all , is A token of mofte absolute wiscome. And forthermore, to have bone all that he wyllyd is a figne of inuincible power and bertue, Doo not therioze margaile that all the heattenly boties are bifvoled by mote perfect wookemalhipe. Peither pet let thooder of bewtie of the fo altonythe thee, as by coparing them to inferiour this ges, to thinke thefe to be voice of al bewife. For ene in thefe alfo, thalt thou finde, his wyloome, power, and prouidence. A finiple witte, is affonithed at beholding the matter: But an artificer, confyozeth the cunninge & belotte of the worke. For although the Soonne a Poone, are divine and beautly bodies, and wee but earthly Images, yet is the skylfulness of the woodmaister, seene equally in bothe. Pone will deme but that the foote is a fmalle and an abied parte of the body of man. And that the Socnne is the greatest and fay-rest thinge that is seene in the worlde. Pet coulde none of bothe thele, bane been placed better then they are . Ebe Soonne nenerthelette in the worlde, is the mybbelmofte of the planettes. And the foote in beatt, is lowett. Again, who can being the worlde to be greated and fagreft of al thingest The bodge of beaft allo, was called a leffe worlde by aunciet Philosophers. And woorthely. For in both hall you fynde tha lyke wyloome of the Creatoz. And atheit in g body of beatt; we can not the we the Soonne, yet maye wee there fee the ere a moste bryght and shyninge member muche lyke buta the Soonne . Det is not the foote worfe placed then eyther the eye or the braine, if they be alin cale to performe thoffice for the whiche they were made. For neyther can the brayno boo well without the foote, nor the foote without the brayn. For as the bragne bath neede of a chariot, fo bath the foots neede of fense, whiche bothe be and all other partes of the bobpe, recease of the brain. And man is not the topfett beat bycause he hath handes: But bycause he is the wysett beatt, therfore bath he bandes . For not bandes, but reafon bathe tawght men artes . Tabo therfore confedering thoriginall e composition of beattes, thall not immediatly conceane an ale fured perfuation, that there is a certen divine minde of mare uclous poure extended through the bole worke and everys parte therof. For enerie where maylt thowe fee the procreation of beattes, whole composition is woorthy admiras tion. And albeit the earthe is the baleft and groleft parts of the worlde, yet it is manifest that it receaueth a dinine spirite frome aboue. Whiche thinge, who so well comprethe fubitance, first of the Sonne, then of the Poone, and co. fequently of the other planettes. In all whiche, it is conne nient, that in howe muche they are of purer substance of bodie then are inferiour thinges coliffinge of earhtly inbita ce, Quen fo to be indued wyth a more dinine e perfeat mynde farre ereadynge thother in like difference. For, inheras in flyme, mudde, e maryffhes, in plates also e frutes putrefied, are certen beattes engendered whiche declare

the maruelotts poure of the creator, what then olught we to thinke of the heavenly bodies ? We mape also euen in man, beholde a certen reasonable monde, when we well confeder Plato, Aristotell, Dipparchus, Archi-medes, and suche other. If then in suche a synke of sylthe (for by what other name hulde I caule this malle compacte of flethe, bludde, fleume, and bothe kyndes of choler) if in this (3 fave) there is engendered to high and ercellent a mynde, howe farre moze excellent that we thinke the fame to bee in the Sonne, the Poone, and other planettes. To me beryly, when I diligetly were thefe thinges, there feemeth a certen divine mynde to bee extended even through out the aer that compasseth be aboute. For fythit doothe participate the light of the Soonne, it can not bee other wife but that it must ther with also participate the poure, bertue, and spirite of the same. All which thinges, who so erquisitely consydereth with hym selfe, shall understonde bothe the loyfoome of the artificer, and the prerogative of the mynde of man. And wheras perhappes before, he dyd contemne this oure woorke of the vie of the partes of the bodie as a fmalle thinge, he thall nowe efteme the fame as the princis ple of most pefecte dinimitie, farre ercellinge the knowleage of philike: And therfoze greatly profitable not only to a philition, but also to a philosopher that despreth to obterne the knowleage of universall nature, and in the fearthinge therof, to fpende the hole course of his lyfe. Beyther in man only is feene the perfect arte of nature : but in the Anoto. mie or Section of any other beaft, thall you fynde the like wesoome and industrie of the woorke matter. And the lest the beaft falbe, it thall cause in the the greater admiration. Wahiche thing, owe artificers declare, whe in little bodies, they grave any greate thinge: As byo he that of late, in a little ringe , graved the chariot of Phaeton dalone with foure bosfes : A wooske boubtleffe maruelous to beholde, albeit nothinge therin byd paffe the woorkemathippe of nature in makinge the legge of afle. Wheras therfore fo greate an arte of the artificer bothe thyne in fuche abiecte beattes, howe greate thall we thinke his poure and wyl boome to bee in natures more ercellent ? Two greate coms modities therfore mave we obterne by this woorke of the ble of the partes. Tilberof the firthe & chiefe is, that not only as philitions, but also as philosophers studious of nature, we may knowe the poure and wyloome of the Creatoz of all. The feconde commoditie, is to knowe the disposition of the partes that lye farre byo in the bodie wherunto, the knowes leage of there actions, is greatly necessarie. And to conclude, if there be three bundreth fropes or endes of the ble of the partes of the bodie, wherof eneric one is divided into tenne, I veryly beleve that the same can not be so appounted with out a mofte wife & mightie creator. Wit who or what he is, I bare not pronounce. But this am I fure of, that in all his woothes, I fe most perfect poure and wofoome. Thus hetherto(most gracious Princes) have I gathered to gyther as into one farthell the learned fentences and affertions of that most ercellent philition and biuine philosopher Calen: written doubtelesse by hym, no lesse to the honoure and praple of God in his workes, then in commendation of Ano. tomie, the woozthyest knowleage that apperteyneth to the profession of philike, foralmuche as it chieffely entreateth of the bodie of ma, the woorthyest subjecte of that science. The whiche science of Anotomic, howe muche it was exemed of

anciet wyle men before tyme, maye appere by that he hathe witten in his ference booke De Anatomicis administrationifus in this effecte. In that the anciet autours before owe tyme, have written nothinge of thabininifration of Anotomie , it was not to be counted a faute in thein , forasmuche as they had daylve suche practife and exercise theref , that in there childes age theplearned the fame at home in there parentes boufes. But after that fo goodlye an exercise was omitted, it was necofull for be to have commentaries therof, whiche might referue that discipline most necessarie for the chirurs gicall parte of philike. The whiche, for that it hathe not betherto byn fufficietly tawght by any other, I have writte thefe Commentaries to accomplyth the fame. For the ignorance of fuche thinges as are founde by therace knowleage of Anotomic, maketh men after learefull where is no cause of feare, as rafthe a folyfib hartie in daungerous attemptes. Thus as in maner ramplified with the belutic of this contemplation have I by the testimonie of most grave and faythfull autours, entreated bereof more largely then I intended : afwell that this frience commended buto your high. nelle by thautoritie of fuche binine and famous learned men to whome it was knowen rather then by me, might by the subgement of all men, be effemed a accepted accordinglye, as I no ways doubte it halbe most thankefull unto your mas iellie, who have ever even frome pour infancie molt reip. giously with trewe religion, godlyezele, and puritie of life, fought the honoure of almightic God. Whose boundfull grace a goodnesse, as it is most manifestly and chiefely declared buto be by holye feripture in readinge where, 3 knowe your maieftic hath cuer byn well exercised ) Quen so fecundarily as in a fenuble glaffe, mape the beholde the fame his goodneffe, topfoome, and promocnee, in the framinge of the bodie of man with the vie of the partes therof, as it were in a fecreate hoppe and forge of his maruelous woorkmans thippe. And if it were not that with to muche proliritie I might be tedious unto your highnesse, I coulde here bringe forth manye histories to proue that many noble, valiat, learned, and bertneus Dinices, bane applyed them felues to the knowleage of this parte of philosophic, only for the zeale they had to knowe Ged and nature. And as touchinge my trauaile hereinmolt gracious Princeffe (fuche as it is ) as a twoozhe noto ence agen newly borne in more ample maner then before enlarged, amplified, and fo corrected & diligently perufed , that it maye in maner feeme a newe woorke , and rather an other then it was before, I most humbly dedicate and confecrate the fame buto your maieffie : with hope and confidence, that as I have with like zele and good affection, dedicaved this newly augmented woothe unto your highnelle, as I dyd the former imprellions first buto your father of famous memorie then buto your brother (bothe whiche impressions are nowe wasted, and the same agen ernestly required at my hades) It may please your maiestie with like thankefulneffe and fauour to accepte this, as there byo the other. For buto whome thulve I your mateffies mot humble and bounden feruant, pelde the fruittes of my ftudies, travailes, and exercises, but buto so noble, so bertuous, and fo gooly a Princeffe, by whole most gratious boutie, I haue my lyninge and beinge here in your realme of Englands under your graces protection. Wherfore mynding to render buto this contreve, as muche fruite as my poore induffrie and continuall trauaile mape poffible be able to peloe , 3

bave erneftly applyed my selfe to make common and samiliere to al Englyshe people, that which in the Latine hathe byn sounde prositable amonge so manye foren kations. Therunto so as muche as 3 am not of my selse, so perfecte and experte in the Englyshe toonge, that I dare warrat or trust myne o whe dowinges, I have beed the studious paynes, first of Picolas Adall and certen other learned men, in we lastly of master Richard Eden. All whose exercises in translations and penninge in this toonge, hathe byn (as I biderstande) not withouth sum fruite to the common wealthe. But howe so ever it bee most gracious sourrains my most humble sute and petitis shalbe, that your mais sie sirk pardon this my bolde enterprise, whereunto not without

carnest request a encouragement of simbery my frendes and surgians of this realme, I have ben chiefely moved to be good but the common wealthe: And estelones that your highmeste so accept these people suites of my Audious laboure, as by your maiches savozable alowance a protection, bothe the woorke maye be the better commended to the Englishe readers, a Tencouragied to greater attemptes hereafter. In the meane tyme I stall not cease to praye but a almightye God so; the prosperous preservation and consynuance of your mest excellent matches in all bettue, honoure, and princely woorthynesse.

Amen.

Signifiynge the principall ueynes to lette bludde.



be vaines of the foreheade and the tempels do fpayinge and growe of the erteriour throte barnes like braurs ches the which must be ovened draw= ung the launcer ouerthwart the vaine. I call it lettong overthwart the bayne according to auncient bodours the which is not fully a longe the bays

ne:nog fully ouerthwart the bayne, but kepeth a meane betwene both. And the lettying of this bayne is good for apostems in the eyen, the migram, e for great heatache, and for alteration of the wytte, for the frenly, and for the

newe lepre.

The begnes of the necke that commonely are called the beynes Guiden or ingulares exteriores must be opened of werthwart the beyne, lettyng the launcer decline a lytic a longe the beyne but not to muche:oz els it thuld be harve to flaunche the bloube. And he that that open this banne well, must cause the pacient to bowe his heade from that fpoe where he wyl open the banne , that it mare be bent. And this bayne muft be opened (as fayth Auicen) with a Imcer cum pilo, that is to lave, that hath a pyn ouerth wart about the ende of the launcer, to kepe it for going to depe in the beyne. And the lettyng of these beynes is good for the humors of the head, for the rewme and the migrant. And it is to be noted that all the veines of the head cught to be let after a man hath eaten , nother ought thefe very nes to be let in those, in whome is required the power to engender. For (as saicth Auicen) through these befores are borded the fraites that nature doth fend forth for general tion.

The beyne on the out fode of the arme, the whiche the newe practifers commonly do call Cephalica, & Galen uena externa and also Humeralis, taketh his originall with the Guiden or ingulares exteriores from the holowe veyne. And this bepne Cephalica must be opened with a greater hole then the other beyns, ot els (as faieth Haly abbas the aure cient philition in the fourth booke of his practile the fore fapo beme is danngerous to fal to an apostemation. And greate hede muft be taken for faylunge in openynge this beine, for it is peobardous to let. For pf pe bare not touch this beine Cephalike', and feare to open it (as some barbers of Chirurgiens that be not wel expert boo ye fal do great harme to the patient and cause baunger of apostumation. Alwayes pfpe touche this beine welat the firste launcyng, it is the tame that of all beynes both greue leste in letting of bludde: howe beit what fo cuer ye boo, make the hole metely greate. The openynge of this beine is good for runnynge of the even, and al maner of beabeach, and for the falling fycknelle.

The beyne that appeareth in the midde of the arme, before the bowyng of it, or after the bowynge, the whiche commonely is called the Dedian or Mediana, or Nigra after Aufcen , o; after Daly abbas Mediafina, and after Bhalis ad Almanfor it is called Vena matrix 02 Cardiaca: Thath his out ginal of fpayinge partly of the Cephalica, and partly of the Basilica, the whiche must be opened ouerthwart the beine or at the leaft beclinging the launcer a lytel awaye ercepte one will lette twyle: the letting bludde in this beyne, is good for al grefes and difeales of the members, fromacke, rybbes and fydes: for it is the fountapne of all the body.

The beyne that commonely is called Bafilica, and after Balen, Vena interna, somtime is called lecoraria, other do call it Hexatica or Regia. Thatis (bycaufe it both go thorowe the arme holes both call it Vena willaris: e it both procede and come from the holow beyne, beyng yet in the beeft before tthath furnished the interior ingulares or throte beynes. The original of this beyne, is of the Comacke, liner and

harte, a the beft perceauer is in the oute fobe of the atme. Df the whiche veyne he that thall open it, ought to take diligently hede for launcyng: for harde by it is a great fy nowelike buto a veyne, wherin the spaire of lyfe runneth by and dolune, and is mirte with bludde, the whiche of it be opened, the pacient frandeth in peobardy of his life, as fayeth Galen in his booke of lettyings of bludde. Under the fame Bafilica are also great synowes touching the fores fayde veyne: Therfore fayeth Khafts in his. rrbiii.booke: Cichue the Bafilica as muche as is pollible, without it be for great nede : otherwyle it is better to take the Webian.

the vegne that appeareth about the toppe of the pulle

is the braunche or twygge of the Cephalica.

The seconde begine that lightely appeareth about the middelmofte fynger, and is comunely Called Funis Brachti,

is also a beaunche of twogge of the Cephalica.

The thyede beyne of the hande the whiche appeareth about the littel fynger, tis commonely called of the Whis litias oz Chirurgiens Saluatella oz uena titillaris oz Afcellaris, is also a braunche of the Basilica. The whiche veynes of the hand as also other outwarde beynes are of small bas lue or profite to be let or opened: because they never peloe muche bludde. And thefe mufte be opened as those of the frete, namely in warme water, to cause the veynes to fivel about the prowes.

The beine of the inner ankle of the foote, the which ap peareth more perfectely than the other, is comonely called saphena, and commeth (as both also the sciatica) from the great holownesse that is under the knee.

K. The other peppe that is on the outside of the foote is

The other bepne that is on the outlyde of the foote, is talled Sciatica, and commeth likewife of the great holower nelle bnoer the knee. And the letting of thefe two beines is good for all maner of fwellynges and apoltems of the preup members. The which veynes of the feete are peois more dangerous to be touched the the Saphena. for if ye open the Sciatica and launche to depe, for feare of faylung, because they appeare so small pe shall bardly escape, but that ye thall touche some senowe adiopnyge to the same beynes, whereof might come great payne and other enils accidentes: As we have sene otherwyles that for igno-raunce of the barbers and Surgeons, the pacient did fall into diverse greses of the senowes or the crampe. This and fuch lyke grefes therfore are the causes why it is nebefull to hath the hande and feete in warme water whan they Mall be launched, to cause them to well and appeare the better: for they be little of them felues, and in genynge them a cut with the launcer, ye must alwayes beware of the fenow. Alfo the Sciatica mult be laureed as the Saphenas namely: a lytle overthwart, seynge they appeare yough. And generally every beyne that is in a place full of senoines, or between fenomes muffe be opened alonge the varne and that for two reasons: The first is to escheue the fenowers in what place fo cuer they be. The fecond is that the beine, that is cut or blemifed alonge the beyne, is not to daungerous for the cramps or other cuyl accidentes (as faith Galen in his. b. boke of Methodus Therapeutice) as wha it-is launched alonge of a lytle ouerthwart.

Tibehold gentle reader these are the veynes the are commonly in vie to be cutte. There are many other beynes that maye be cut for diverle grefes + difeales, but because they are not or lytle in bie, and also because Walen and o ther auncient Orekes have made no mention of dawing bluode of them in their waitunges , therfore let this lytle frutefull table fuffife the at this time, by the whiche thou may decrercife a teach thy felfe lightely a without daunger of any eugl accidentes to cutte any beyne of mans body.

# The Anatomie of the inwarde Partes

of man, lyuely fette footh and: diligently declaryng the principal baynes with the ble

of letting bludde, very necessarie for Phisytians and Surgians and all other that desyre to Iznowe them selues.

ETHE SIGNIFICATION OF SVCHE letters, as are placed in this figure.



TO DIFP CTD the gulle of the Lithrote, called allo the throte bolle, and in Late Ourgulio & Cama pulmonis. that is to faie, the Lungepope & welon, pertayning to the lightes tto the hart: conveying agre to then both, tt timbeth it felfe into many holow

pppes within the Lunges, as ye fe. Signifieth the Lunges of littes, called in Late Pulmo, and it is called the bellowes of the bodye, for it draweth fendeth fourth again the ayre, with the which the harte e other membres are tempered: wherfore the Lunges be full of holonelle, even like a sponge and emptie, openinge tt felfe to the receauinge of apre, and gathering it felfe to gether, to expel it again, as bothe apayre of bellowes: faheoned muche after the thape of an Dre houfe.

Signifieth the harte called in Laten Cor, the feate of lyfe, the ruler and director of spirite & bludde . It apereth within against the lefte breft: it is figured rounde tending to Marpenelle at one of his endes, the whiche is to wards the breft : it is of all other membres the principall , and is ralled the forme of the leffe worlds : for man amonge philosophers is called the leffe worlde, and the harte beying in it is to all the body as the funne is to all this greate buis nerfall woolde: which approchinge neare buto bs, al thinges relopce , herbes bringe fourth flowers , trees fpredde their branches, all fowle, fplhe, and beattes, receaue great comforte: even fo the harte in man bepng heup & penfyue, al the body is fad and yll disposed. The harte agayne being glad a mery, al the body is light a lufty: For it illumineth and lighteneth all other membres with his fricite. It is the frate membre in man that receaueth lyfe, and the latt that oveth. Only this parte in man is neuer greaued notably with any difccafe, but if it be, forthwith it dyeth, and all the man with hym.

Signifieth the Middzefe , called Diaphragma , Septum fuerfum , & Pracordia, and it is a then fkin , whiche deutbeth the uppar part of the body fro the nether part, that is to fap, the hart & lunges, from the fplene & lyuer. tc.

Signifieth the throte pype, called in Laten Gula, & insterior Collififfula, that is to witte, the ynner pipe or coducte of the necke, the whiche commeth from the necke to the fromacke: t through it is conveyed the meate and drinke, which by the mouthe is sente in to the stomacke. And where this pype both appere aboue the shoulders where alfo the theote bolle is fene, there it is called the theote, & the outwarde pipe of the necke: And this part of the same pype showinge it felf in the bolke of the bodye, is called the inwarde parte of the neckepype or throte pyp

Signifieth the opper parte of the monthe of the flo-

macke, called in Laten Oo ftomackt.

Signifieth the ftomacke, called in Laten Stomachus, the receptacle of meate and brinke, a place diviled of nature to concode and bigeft foode as a furneffe, wherein meate is fode:and it is offended with manye and fundty befeates.

Signiacth the botome of the Romacke, the whiche (meate being in the Romake bnbigefted,) is bery clofe & the fame beinge ons becode & digefted , it openeth it felfe

Significth the nether mouth of the Comacke ,o; the pffue of the fame, called in Orche Pylorus, and commonely in Laten Protonarius, the wate by the which the meate ons

digelted, palleth downe to the guttes.

Signifieth the lyuer called in Laten Hepar, and lecur, this is the place where the luyce commyng of meate digested in the stomacke, is transmuted and altered in to bludde: but that part of this tuyce, whiche is not apt to be touerted to bludde, is altered, part to fictime, part to col-

Significth the Caulle called in Laten Fel: this part receaucth the refuce & Dregges of the blubbe, tit cleaueth

theafely to the lappes of the louer.

Signifieth a certayn vayne, called in Late Vena porte, and Maners iccoris, that is, the hande of the lyuer: this bayes receaueth the digetted tupce by divers baynes out of the Stomacke sother bowelles , and fendeth the melancholie parte in to the fplene.

Signifieth the fplene called in Laten Splen & Lien, whiche is the receptacle and fynke of melancholy.

Signifieth a bapne which in Laten is called Ven Venatecoraria, the holowe beyne, the bayne of the lyner, for by this bayn the bludde engendred in the lyner, is my nistred to all partes of the bodge, to norpsihe the bodg therwoth.

Significth the hydners called in Laten Renes, faffened to both fydes of the body neare to the loines, but the right kioney fabeth fomfohat higher then the left by those the watery part of the blude adrade and brawen , befcenbeth through certapne other bapnes, as pe fe in to the blabber.

Significth the blabber, in Laten Velica, receptacle and

receauer of bapne.

Significth the frenes , called in Laten Tefficuli and this is the place where feade is engendred.

Signifieth the coddes, called in Laten scrotum

Significth the prinie parte of man, caled in Late Penis in whome be two notable water or plues, wherof the one is the barne plue, the other is called the fede plue.

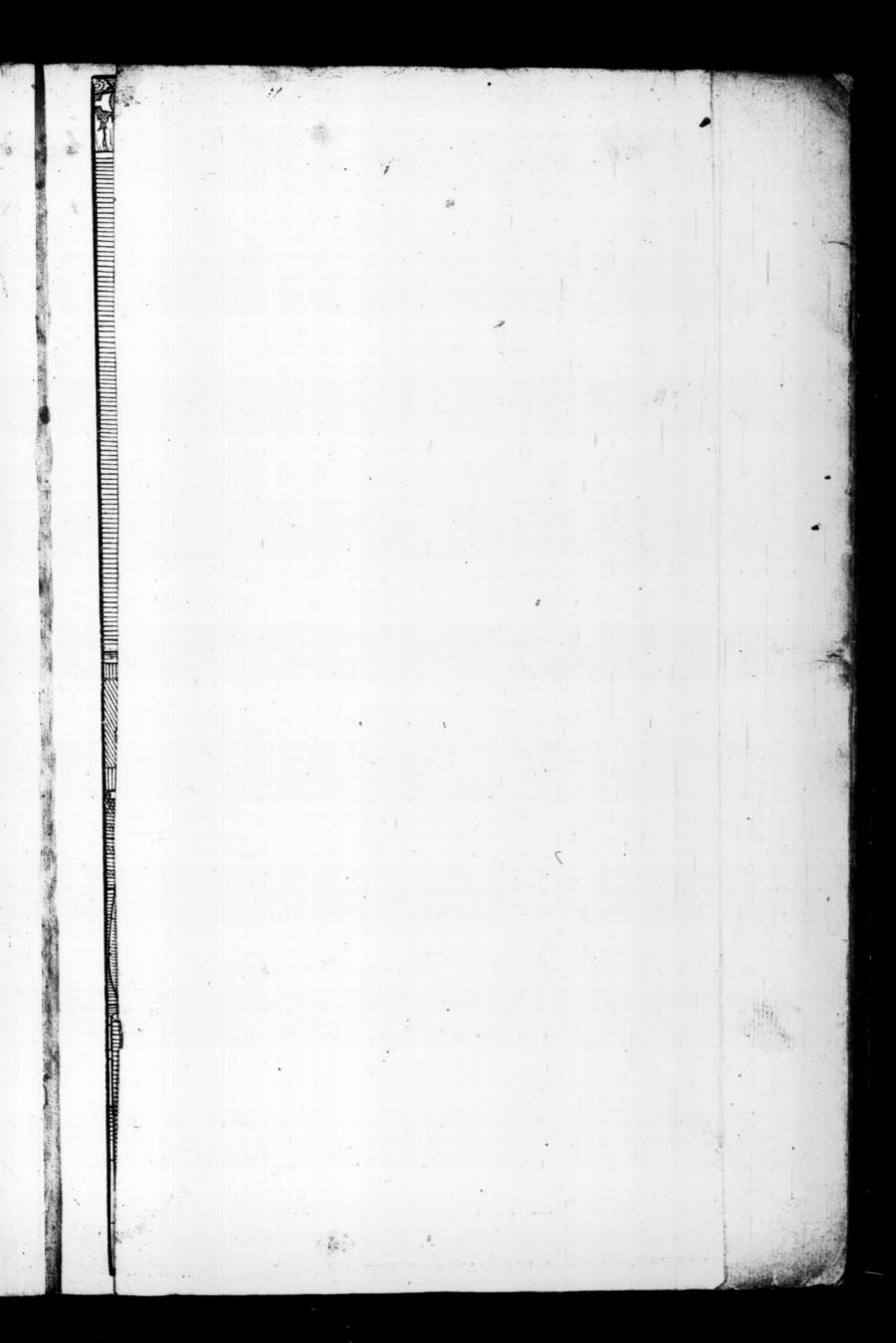
Signifieth the fmal guttes, called in Latenilia, in thole is engenoted the cruell payn, called the knawing, or payn

of the belly.

Signifieth the groffer and greater part of the gut tes, in Laten called Colon, in whom the ercrementes 02 020 boure long witholben , receaucth a certagne forme e falthyon after the place. This part manny tymes is fore be-

red with the Colike.

Significth the latter ende of all the guttes , thosolve the which immediatly the ordure is expelled named also the fundamet. This place manye tymes is offended with a befeate, called the piles of emorrobes, and this place in Laten is named Longaron.











C-1

## The Anatomie of the inward Partes

of wooman, bery necestarie to be knowen to phistians and Surgians

and all other that defree to knowe them felues.



DK fo muche as the declaration of most of the principall partes is fuffl ciently fet footh in the Anathomie of man, therfore well I remyt you therther: Eber to beholve the operation of them, and here we well declare the firm and maner of first are the firm and maner of first are the firm and the f

tuation and maner offuch partes as are in wooman differente from the partes in man. Howe be it , firft pe thall bidertande the fignification of the letters, whiche are grauen within this figure.

The gully of the thacte.

R The Lunges. The harte.

The middzefe.

The inner parte of the throtte pype, paffgnge through the boolke and the lunges into the Comacke,

The mouth of the fomacke.

The fromacke.

The botome of the ffomacke.

The nether mouth of the fomache.

K The lyuer. Pert bnto this letter.K. you fe this L letter.V. the which wold be.L. ett fignifieth the gaule Vena porte, the lyuer bayne.

The fplene.

Signifieth the place and bellel to the whiche the floures be deriuied from the lyner , non menfes in primis sensim erupunt ab ipso iecinore selut per quaedi internalla, donec peruentum fit adilla super primum ceruicis pudende exor-tum) acetabula quos hec, quali bianti es aperto ore essumint.

Dignifieth the kydneys, in Laten Renes. Te bladder , in Laten Velica , this bladder , receas

tieth the waterpe partes and brine, which beicenbeth from the raynes, and it lycth in the lower parte of the belipe befoze the woombe or matrice of the woman, tohofe necke entreth in at, and is fallened to the necke of the woombe through the whiche naturally it fenbeth foorthe the brine.

Significth the great bayne, whiche is d'rined out of the lyuer, called in Laten Parigibba & Chilis: concava, uenarum mater , the moother of all baynes , and from whom, and through his branches, other fmaller bay. nes, bludde is coneped into all partes of manes bodge.

T.V.X. Signifieth the woombe, wherein mankynd is conceaved, noorified, and follred, buto the time it be of a certayn might and force , and then naturallye is fente and brought foorth in to the worlde : and it is called in Laten Matrix : before it, is the bladder:but it is fomwhat hygher then the bladder: the botom of it

ertenbeth it felfe unto the Pauell. Signifieth the botome of the woombe, where is a certagne thycke carnolyte, whiche boweth downed warde and caufeth a diffination to be in the woombe, wherfore. T. fugnifieth the righte fube of the matrice

The lefte fpbe. Some there be that wipte, that there holde be many felles or diffinations in the matrice, the whiche is not true : for other diffination then the fiethye parte, which is fignified by s. toth cause, is there none. In the right fooe, as Philosophers wayte, tyeth alwaye the man chyloe, in the left the wooman thilde. And to knowe whether the coception te male or female, thei bybbe to marke whether it meue more on the righte foot then the lefte , for then it is a man, If on the lefte more, then on the right fobe , then it is a wooman : and for that cause also is to be noted the two breffes, the righte and the lefte: pf the right be greater or harder then the left, it is a token of a man, of the lefte, of a wooman and of the baue more payme

and doloure in the right lyde, lykewyle it lignifleth the man child, if in the left, a wooman. Whether it be man or woman, according to the bodors of phylycke and phylolophers, when the leade is firste conceaued in to the matric, it encloseth it selfe after suche a forte, that the poynte of a nedle canne not enter in at it, but by violence. And the firste. bi. dapes that it is conceaued, it remayneth crude and whyte lyke mylke.

Then in the space of other.ir. bayes, it wareth redde, and is become thycke bludde. Then in other.rif. baies it beginneth to come to fome falhion then in the.rbiii. dayes followinge the face and other principall membres begynne to growe in to a full thape and forme, in longitude, latitude, and profundite. In the rest of the tyme unto the byth it is conforted and prepared to come foorthe the whiche manye times chauleth in the bit moneth, and the chylo proucth and both berpe wel:but in the bui.moneth few or none proue. About the latter ende of the ir.againe, if it be boane, it proueth berge well , that is the mofte commone courfe. rl. weakes after the conception. The maner bow the chyloe lyeth in the moothers woombe, is this: the face lyeth on bothe the knees, both the handes beynge betwene the face and the knees: after suche maner that the note bependeth betweene the knees, and ether of the eyes on ether of the knees: fo lyeth it rounde in maner , and the face fowarde the inwarde parte of the woombe: and this partly have 3 hewed you of the operation of the matrice.

#### A perfecte and particular description of the fecrete partes of the bodie of wooman, with

the fignification of the letters contenned in the fame.

The woombe is called in Laten Matrix as it weare Mater (that is) a moother: for as muche as all beaffes proceade oute of that as borne of a moother. It hangeth betwene the fplen and the bladder but formwhat higher then the bladder. The botome and bolownelle therof, is extended bnto the nauel : and it is the place of the first maste of conception called Embrion,

The right fyde or goulfe of the matrice, wherin

male chilozen are begotten.

The lefte goulfe of the matrice, wherin female

children are begotten.

The mouthe or enterance of the matrice, which is buclofed in the woozke of natural generation and res ceaueth the fcede of man. And after conception , fo Arcyghtly clofeth it felfe, that the poynte of a needle, can not enter into it. Pet at times convenient (that is to fave , at the auopoing of floures) it openeth it felfe.

From henfe proceadeth the feede of wooma in con-

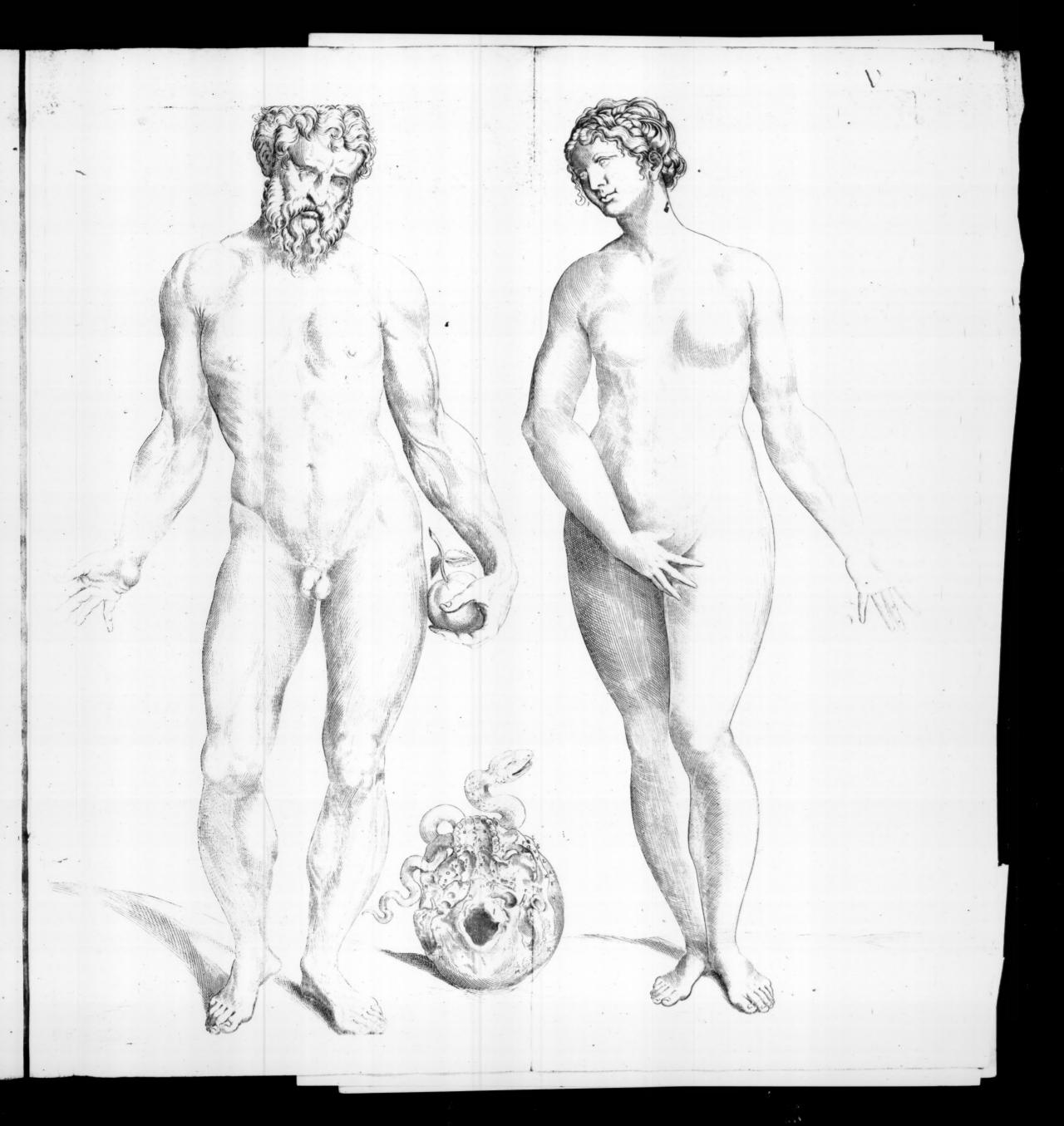
ception : and likeluple the feede of matt.

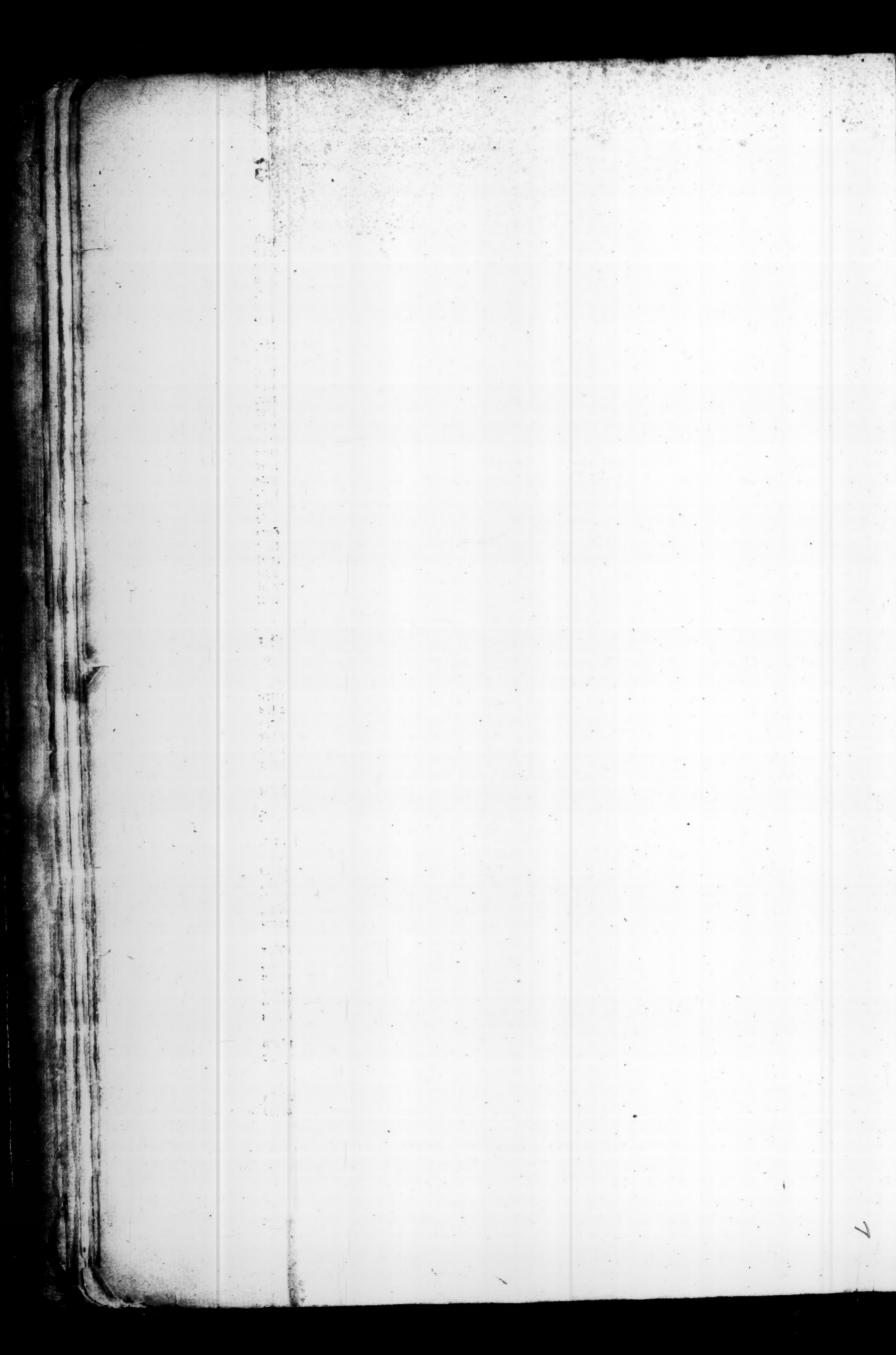
This is the dinifion of the great vaynes, proceding from the liver to the harte: and agen from the harte, palling through the ridge bone of the backe, wheruto also the hydneys do cleane. Fro hense coome the vay-nes wherby the menternal bludde (for lacke of naturall heate engendeed ofcrude and budgeft bludde) is conceyed into the matrice.

The necke of the matrice , is bi.fingers in lenketb having beneath a narowe mouthe, wherby the paue

of the bladder fendeth foorth brine.

The prinie membre of wooman. Two great arterie vaynes, wheranto the matrice is fallened. And are therfore called the wynges of the





### The fyzite parte of thys treatyle of Anatomie/wherein is contepned a

compendious or briefe reherfal of al and finguler the partes of Mans body, whiche Chall herafter be let furth to the eye, in figures most lyuely representing the same,

with their proporcions, thape and facions, euen all as by the practife cuttynge in Anatomie it is founde.

A division of the bodye into foure princypall partes. Chapituj.



He bodye of man (in describying wherof we intende by the grace of gob tot rauaile)is beuibed in to foure papicipall partes, that is to wete, the Dead, the Brefte, the Belye , and the other mem= bres called all together in the laten terme, Artus, in englythe,

Apmnies, which are the Armes, the Dandes, the Legges and the fete. ac. The heade, bepng called of many men the oppermofte tentricle, both ende where the necke begrimeth. And the Beade contenneth the partes belonginge to the Soule. The Breft, which they also cat the myble Bealy of bentricle, and fom= tymes the boper bealplas in the epatt and thirtyeth Aphortime of the feuenth boke) begynneth at the two Canpl bones, a reacheth to the Appointe. And is enclosed on eyther fyde with rybbes, and doeth conteyne the bitall partes of the bodye. The neythermoste bealy, in the whiche the naturall partes are contey-ned, booth reache from the midziffe, to the bone aboue the priupe membres . The fourth parte of the Deuilion called Artus, is the Legges and the Dandes. ac.

Of the nethermost bealy. Capi.y.

Do for fomuche as the partes conterned in the neythermofte bealy can in no wpfe longe contenue or endure whan plyfe is once diffeueryd from the body, without flynck anoplome lauours, where of often times aryleth

fuche corruption and lothformes, fo contagious to the handlers therof, that none maye approche ther= unto to make bemonstracion of any membre or parte therof, wythout greate difeale, moleftacion and pe= rell: Therfore we thall frifte take in hande therupon to worche oure feate, and to treate of the partes contepned in the nepthermofte bealpe, wherby their nature, their differences, their state and ble maye be fene and knowen. fyrite, all the whole region of the bealy on the outer lyde is called of the Grecians Epic galtrion, and of the Latynes Abdomen, and of the Arabians Mirach, which Arabian name Mirach (fyille for lacke of a more convenient and peculper worde) and than to flee the tedioufnelle of circumloquution, and thyrdely, because it is already a terme familiar= ly knowe to al Surgions that are any thring failful, be that allo occupie in this our Englyth translation,

orels & Breke terme Epigaftrion. and thys Mirach(as we are taught by Galen mp feuen and .rrr. Aphorifme of the feconde boke) is deuided into the partes, that is to wete into Hypochondria 02 Precordia whiche is the hyghest parte therof, nexte the rybbes of the breft or the tharpe griftle: The leconde is the partes a-bout the nauell: The thirde is the parte nexte aboue the pringe membres, called Imum ventris, as pe would fage in englyfhe, the botome of the bealy. Ind thus it is apparent that the nauell is placed in the myddes. as it were the roote or Centre, and fulle mybbes to al the bodye, hauynge the parte about hym called, Hypo: chondria , Departed into two collaterall partes bepnge bothe bider the rybbes, lyenge about the lyuer, a the Splene oz mylt. Lykewife is g part beneath fnaupl beuided into two collaterall partes lyenge on either fyde to the two haunche bones, and the emptye or boyde parte from the neithermolte rybbe of the beek to the haunche bone. And therin lieth the hongry gut, and it, that is called in Latyn Mefenterium, in Englythe the ADouget or vidbyng, and o theme or fmall entrel les, otherwyle called the small guttes, be they whych Balen in Brete calleth Kheneonas, And the mpole bes twene the thynne entrelles and the bone about the pai up membres, is called in Latyn Sumen and imus venter And the latte parte therof, where it endeth is named in Greke Epbibaion, in Latyne Pubes, og Aqualiculus & it is the place nexte adiopnaunt to the heere of the priupe membreg.

Of the skynne. Capituij.



De fkynne, that compaffeth and en: wrappeth al p bodpe, is called of the Brekes Derma, & in Latyn Cutis. 3nd it is of divers nature a propertye, in certen places of the body, and barte eth accordinge to the parte or mem=

bre of the bodye whereon it lyeth . for the fayme of the Palmes of phandes, of the Sooles of the fete, of the forehead, and almoste of all the whole face, yea, and of fonie other partes allo, can in no wyle be flapne by reason of muscles . And tendons graft and rooted into it; as Galen wapteth in hys seconde booke entiteled de ssupartium, that is to saye, of the ble of the partes of the body. And thes faime it is, that is called the true lapine in dede, the bppermofte or bt-moste parte whereof, is called in Breke Spidermis, and hathe in it of it felfe no fence nog felynge, as witnef feth Galen in the thyrde boke and the fourteneth of

### Of the partes of Mannes bodye.

hys morche entytled, howe to cure difeales and fyc-Beneffes. There is also another fapune lyenge buber thys skynne, and it is called Imm in the Greke language, and in the commune Latyne terme that the Philicians and Surgions ble, pannicu lus carnofus, that is to laye, the fleafly pannicle oz coue= rynge, buto whiche and through whyche the bapnes that nouriffe the fapene, with the fibres or firin= ges of the fpnowes arplyinge from the finowpe par= tes thereunder lyinge, and geuynge fence og felynge to the flynne, doe procede and come; and thereby is the farme as it were tred and anytte to the partes that are bnder it, as Galenteacheth in the begynning of hys thyade boke of administrynge Anatomye, and in the lyptenth of the ble of partes.

Of the fatte whych in I atyn is called Adeps. Capi iii.

he fatte called of the Grecians Pines libi requireth mno wife any fmowes, and it is fprede abrode in partes of the bodye, lyke fatte ople betwyrte the thynne faynnye partes, and the partes that hathe lynowes, to the

ende that the lapde finowes bernge of nature bipe, mape throughe that nature and natural liquour perpetuallyebe moyftered. And fatte is engendzed oz made of the fatter part of the bloud being ftrepgned through final then beynes: And when it is once contopned with the colde and dipe partes, it congealeth counthers to herefore in colde complexponed folkes tris aboundaunt : And in luche as archotte of com= plexion, it is berye faante, or none at all. As Galen Declareth in the . rbt . of the ble of partes , and in the ende of hys worche entytled, de temperamentis, that is to fare, of complexions.

20f Mirachor epigastrion. Capitu. v.

Hat same parte also whiche the Grekes call Spigestrion, and the Arabians call Advance, (as is acoze rach, and & Latynes Abdomen (as is acoze (ague) is a compounde membre of foure thyinges, that is to wate, of the farme without furth, of fatnes of the aforelapbe fleathy paunicle called or the Grecians Hymen, and of mulclous lubitaunce. And it is to be binderstanded, that all the whole subflaunce contepned frome peritoneum outwarde, is com= prebended binder the name of Adirach, accordyinge to the mende of Galen, who commandeth in all woundes of the belly or wombe, to sowe the Siphach with Mirach. whereby it is to be taken as a thringe proued, that all without Siphach is Wirach, And in thes Mirach are to be noted enghte mufcles, where: of there are two communge downe longwyle frome the Charpe griftle or Chylde of the Stomacke where they fyshe begynne, buto the bones abone the pring membres, whyche bones are called Offa pettinis, There be also other two muscles called Latitudinales, that is to lave, lyinge in breoth communge from the backe bowarde towarde the bealpe or wombe, and than be ther foure mulcles & le croffewife euen ouerthwart: where of two fpayingen from the tybbes on the ryght (poe, and procedyinge to the lefte doe parte, and reach

to the bones of the baunches, and to the lapbe bones about the payupe membacs. The other two spayinge from the rybbes on the lefte fyde, and so palle ouer the bealpe of wombe, as byd the other, to the ryghte partes. And here is to be noted, that by the bertue and propertye that is in the mufcles, whiche as afore is layde come downe longwyle, is made the power attractive. And of the mulcles that runne crolwyle, commeth the power retentiue. Ind by the mulcles that lye on breadeth is made the bertue to expel and to borde. And throughe the bertue or power attrac= time is drawen downe aswel by the entrailes as other wyle, all the superflutties of the digestions, as the baine or water, the wynde, and the earthye excremen tes. Ind throughe the bertue retentiue, all thonges are bpholben, kepte and conterned, tyll that nature hath wroughte and done in them her kynde and office of digeftien. And by the bertue expulline, is put furthe and expelled luche thonges as nature com= maundeth or proudketh to be done. And Galen affirmeth in hys treatife de innamentis, that all woundes or incisions made in the myddes of the wombe are more perpilous then those on the lydes, for because the partes on the lydes are more apte to be handled and more easpe to be taken fourth of the entraplics, then the myodle partes be. And it is allo taughte bs that the woundes percenge the wombe, well scacely receauc anye newe growinge of fleathe, excepte

Of Siphach whych the Grekes call Peritoneon. Ca.vi.

Dive nerte within thes Abdomen of Advisach is conteyned Siphach, whis che is a certagne ry name of panicle, or couerpinge. And it is a membre elevery parte thereof is of one substatunce, nature and office. It is also sensible and quycke of felynge, it is full of smower, and of stroyl and fine operacion. And of complexion it is colde and dipe, haupinge his begrinning at the inner paunicle of the mportie, where allo fpipngeth didimus, asit Malbe fayde withinfourth. Siphach was ordayned because it shoulde continue and bynde together all the bowelles and entrailles and suche lyke partes within it: and to defende the muscles, that they com= prefie not the naturall partes and membres buder it. It is also frouge and toughe, to the ende that it may not lightlye be broken, whereby the thonges therein contepned Moulde fortune to goe fourth, as

> Of the partes conteyned within the layde Ikynne and rymmes. Capitu.vy.

it happeneth often tymes to theym that are brufte,

and that have their bowels haugenge out.

Ert bider the layde Syphach of Peritonell. is contepned Omentum og zirbus, whiche in the tables of pfigures we name & Caule, And ttis a fatte pannicle or conerynge, whiche encloseth and enterappeth the flomacke or bentricle, with pentraplles allo. And it is enbrodied with many bey-

nes and arteries, and greate lubitaunce of fatnes prepared for to inopften and to preferue the partes withinforth. Thes Caule is an officiall membre and is compounde of many begines and arteries, which entre and make a longe lyne of the btter tunicle or co= verynge of the stomacke, buto the whyche timicle hangeth the Caule , couerynge all the guttes og en= tralles downe to the share. And two causes we fonde why they were thus orderned . One is, that they houlde befonde the nutrites from off ence without forth. The other is, that through his owne thyckenes he (boulde strengthen and comforte the digestion of the lapo nutrites, fith they are much more febler then the other membres, for they have but thime fkinnes. ac. And nexte to thys Caule, doe the bowels or guttes appeare : of the whiche Galen in hys fourth booke de innamentis and the feconde chappter Declareth, and faveth: that the guttes in their fyafte creation were ordanned to conten downe the droffe or refuse of the meate and orpnicke that we recepue, and to clente the bodre of their superfluites . And pou Mall here binderstand that there are lyce positions of one whole gutte (althoughe they have fondage names) and that in euerpe man and beafte, the lapde Gutte takethbis begynninge at the peather mouthe of the Maine or Mentricle, and to continueth fouth with divers topn= bynges, foldpinges and tournynges, to the ende of the foundement, neuertheleffe be hathe diuerfe fhapes and fourmes , as he hath Dytters operations in the bodpe: Ind therfore hath he opuers names. Ind here bpon faveth the Philosopher in the fyzite de bistoria as minalium, that the lower wombe of a man is lyke buto the wombe of a flogue. Ind lyke as the Mawe of Mentricle bathe two tunicles or cotes of fapane to couer it: even lo have all the guttes two tunteles, in why the they are enclosed. And the fyelt postion of the gutte is called Duodenum, because he is tiveluc priches in length, and he conereth the neather parte of the fromacke of bentricle, and recepueth all the broffes The feconde porcion of the gutte is called Jeranam, or the hungry gutte, because he is euermoze emptye, for so bom leth continuallye the lytle bladder of coler oz the thefte or purfe of galle, alway beatynge hon and brawinge forth of hymall the droffe , and ben clembinge homfrome all konde of excrementes. The the poscion or gutte is called them or the thinne en traple whych is a final a a longe then gutte, and contepiteth in length foftene or fixtene cubites. And in the gutte often temes falleth a paffion of bifeale called Iliaca passio. The fourth gutte is called Monoculus on the blende gutte, whiche we call in Englyshe the one ended gutte, because it semeth to have but one bolle or mouthe: But pet in Debe it hathe two, the one nere buto the other, for by the one goeth mall thous ges, and by the other they goe forth agapte. The typith is called solm and it recepteth all the broffe for the other beginge cleans purged or purified from all the profitable luice. And therfore the bepies called free comenot to hom as they doe to the other. The force and last parte of thus gutte, is called lareft sinumerstain or Longan, in Arraiply we call it the straite entraple or parleguere, a thus endeth at the holle in the found man, a be hath in hus neather ende foure

mufcles, to holde, to open, to thutte, and to put forthe As you that moore playnelye perceaue bere after in the figures. And pe that note that there come to eue= rpe tournpage of the guttes certapne finoines frome the fire confugacion or payres & come from Bhragne. and thefe finowes ferue bathe for the felpage and also for the expellynge or boydynge of the excemen tes. Mesenterium a notable texture of enweaupige of innumerable bernes and acteries, whiche are called Mofaraica, & of fome authours they are named Lattes, 03 the fysite bepnes, frome whome is drawen the nutrimente out of the flomacke, and carried to the gates of the lytter. And thefe beynes doe ramific and fpiede abrobe in brannches out of the beyne called, Porta ? tis. And it is covered and defended with parmicles and ligamentes beynge common to the entraples with the backe therof allo bepage full of glandulous fleathe or full of kornels.

Of the Ventricle or Stomacke. Capi. viy.

the Centricle called commonlye in Englythe the Stomacke, is a membre compounde a spermatyke, spinower, quycke and light of felping. And therem is made perfecte the nutrymente of the systee digestion called

Chilus . Thys is a membre muthe necessarpe to al the body, for pfit faple in hys operació or worchyng, tha al pmebles of poop do afterward fal to corruptio. And therfore Galen in the forthe chapter of hys boke de innamentis and alfo the Philosopher in the firste de chiefelpe for two principall causes: Theoneis, that it shoulde be to all the membres of the bodge. as the earth is to al thenges engended on the fame, so that the other membres of all the whole bodys Choulde of it require their fultenaunce, and fufficient nourpshinge . The other is , that this Mentricle og otomacke Moulde be as a facke or cheffe, or as a fore house for all the meate belonging to the bodge pea, and the Cooke also or dreffer of the meate to all the partes of the body. Thys Stomacke is conflitti-sed or made of two pannicles, of the whyche the in-nermote is synowye, and the otter is fieldye. Thys inner pannicle hathe longe mufcles lyinge on length, and freetheth longewyle frome the Stomacke of Mentricle to the mouthe thereof, and the mouthe of fome men is named Mery, and of some other it is called the necke of the Maine. But of the Grekes it is called Stomachus, and with thes the Mentricle fetcheth or reacheth into hom the meate from the mouth as it were with handes. We hathe also certains mulcles lyinge ouerthwart or croffemple, in whiche is a propertie or power to holde and to make retention. And allothe bitter paintile weth in breoth and hach power or bertue to expalle and putte out wheleafor Mal require. It hath allo much camolitie or fleathey nelle, that there by with heate there withal topned it hould helpe the bertue digeftin of the Stomacke, and the fame effecte he worketh allo by other heates genen to hom by his neighburs, as thus, for if bathe the louer on the englite lyde, chafpinge byin

#### Of the partes of Mannes bodye.

hothhes winges of lydes, to encrele naturall heate, in hom: and the Soplene on the lyfte lyde with hos fattenes and bepnes lendynge tobput the melancos lique humour, therewith to figure and to protoke his apetyte: and about hymis the hearte, quickeninge hom both has arteries. And the brane also sendeth tohoma braunche of sphowes to gene hymfelpinge. And he hathe on the hynder parte descendyinge frome the partes of the backe certapne ligamentes where= with he is boude or faltened to the (pondpiles or turs npinge toyntes of the fame . The thape of fygure of the Stomacke is endelonge after the maner of a gourde, croukynge bpwarde, and bothe the ho= les of mouthes thereof, are on the opper parte of the bodye of it, to the ende that there by nothing shoulde paffe forth bnabuiledlye. The quantitie of the Stomacke holdeth moofte commonlye two pitchers of wone. And it maye fuffre manye pallions. The neather mouthe of the lapde Mentricle oz Stomacke, is bothe narower and arayghter then the upper mouth, and that for thre causes. The fyrite is, because the bpper mouthe recepueth mentes greate and boyfe= ous in Aubitaunce not fyned nor made finall.

The seconde is, because that by the neather mouthe passet from the Stomake to blywer, the meate after the firste digestion, when it is brought to Chylin, as a fore is sayd. Ind the thyrde cause is, that the sayd second or lower mouth shoulde not wythoute wyll, let passe the drosse and refuse of the meate into the guttes, before it be fully clensed and digested. But when you shal take thys Uentricle or Stomacke out of the body, the partes adjacent beyng consyded, ye must by not the necke therof with a pointe or stryinge, that the saudice therof mape not anope they nith at stande by, and loke by out it. Ind whan ye have separated it from the bowels, walke it dispentive, and then may you meete or measure it with water, to be assured bow much in quantitie it will hold. Ind you shal see the fourme or shape thereof in the 13-14-15 and 16 fy gures of the partes of Autritio, becaster following.

Here foloweth of the Lyuer. Capitu.ix.

titye of bloube, and of the first enterthelesses it hathe afelying int. Ind

in the Lytter is made the seconde digestion, and he is supped in a synowye pannicle. And that he is a pipul cypall membre it is recorded in the fourtenth booke of the partes of beastes. And specific in the songe or verses of Autoen. And also Galen in the thyrde Chapter and the fourth booke entytled in incompit. And he is associated income in substance, of the industrial matrixe, and special nedeth na profe. He is also specimentated by suppose in substance, of the industrial engended by supposes. And because the Lytter was but system quantitie, Nature bath added to it curded bloude to the accomplyshment & performance of a subspecient quantitie. Before this he is bewrapt in a symptome panicle. And he is curded, so, because it shutder gene colour to the humiditie or mouthe paper of chile, they the commeth to be in frome the Stomacke

and thoulde tourne it into the colour of bloude. And the Louer is orderned, that in hom foulde, be transfourmed or engendred the blonde nutrinens tall . And the Apuce is mofte contrententipe placed ouer the stomacke somwhat beclynynge buber the rybbes en the ryghte fpde. And it is fourmed gybbous of bunchinge out on the backely de, and holowe on the infec, lyke the infede of the hande. And the cause why it is so spepen, is, that it shoulde applye to the Stomacke oz Mentricle as the hande both to an apple, theremto appeand comforte digetion with his heate and weathprige as the free both bpon the potte of cauldien hangynge ouer it. And the Lpuer 15 also bounde with hys pellicles of small skynnes, to the mydriffe, and also with stronge ligametes. And if hathealso a certaine knyttinge or tringe togethet with the Untricle a the Entraples, with the Bearte, the Raynes, the Tellicles of Stones, and diverle of ther membres. Ind there are in the Lpuer fpue pellicles of figures with cleftes like buto fpue fingers. And in Galen in the lafte Chapter of his treatple of naturall powers, the Apuer is called Massa Sanguinis vie naria conternynge in it felfe,it. fubffaunces, natural, and nutrimental Ind withe feconde boke de Alimen. ris is beclared, that the nutrimentalles sprede abrode with the bloube, to nourplhe and to be transfourmed into the lubstaunce of the partes wherunto it apperterneth, the other impre as wel naturall, as excrementall, is lequeltred and leparated into places theretinto prepared for landre confiderations, for the place of humours is in the Apuer alwell as of the bloube. The pelowe or citrone coloure in the Mesticle or Chefte of the Galle, the blacke colour or melancos lye hathethe Splene, the flegme; the Bulme and the Joynetures. But the waterpfle and superfluous humours are cast downe to the Raynes & the Blad= ber which also go some time with the bloude, where it they be aboundante and rottyng they brede feners or agues, of fuche nature, qualitie and name, as is the preminaunt humour connered with thepm. Ind fome are putte out to the Tapane ; to be refolued by bapourous fweates or exhallations, fome tyme by fcabbes, fcucfe pufcles or wheales, apostemes and fuch lyke. Ind thele fourenaturall humoures, that is to lave, Bloube, flegme, Colour, and Delancolpe accenyou shall buderstande that frome the spermatycke fubitaunce of the Lytter withinforth, are engendred two great bernes, of whome the fyste and the grea= teff is called Vena porta, and he commeth from the cauts tie or holowlybe of the Lyuer, from whom fpapagen al the finall bepries called Melaraice; athele Melaraice be to Vena porta as the braunches of a tree are to the bodye or fracke of the fame, for fome of them be conterned buth the bothom of the Atentricle, Come with Duedenum, forme with Jeinvare, Come with Ihen, and some with the one eped gutte called some tyme the facke. And from all thefe guttes they bayinge the fuccoffite or tuice pappe of Chilus whiche Descended buto them from the Stomacke, Diftributgrige it m the fub Rance or body of & Lytter, a thefe beynes, called Des faraice, are almost innumerable, because of any thing Choulde scape from the one of them yet Maulde the of ther catche it, and receaue it . Ind in thele bepnes is begoune

begonne the feconde digettion, and ended in the Lp= ner, lyke as ffyifte was in the Stomacke. And thus is it manifelte that these beyons Mesaraice serve to brynge the inice or hunnditte of the meate and dayncke that paffed or fcaped the Stomacke to the Louer. And they forede them felues abrode through the substaunce of the Lyuer, and also they al stretche towarde the Bybbous part & bolleth out to the out= warde Conucrited og bolle of the Lyner. And there they mete and goe all into one, and bepage so brited and topned together, they make the seconde greate beyne, called Vena chilis of Vena concana, and it is called of fome men Vena ramofa. And thys beyne wyth hys rootes draweth out all the bloude engendred in the Lruer, and with his braunches ramiffyinge upwardes and downewardes, he carreth or conveyeth the fame to al the other membres of the bodye, therewith to nourich and fulfyll theym, and in them is made the thyrde digestion. There go also frome the Lyner other bey= nes and colatures, bearing the Superflutties of third digettion to they proper places, as it that hereafter be declared. And in administring Anatomie & Lyner is taken out next after the Splene.

Herefolo weth of the V'essicle or Bladder of Coler. Capitu.x.

Special of pelowe color. We have learfycle of pelowe color. We have learfycle of pelowe color. We have learfined that it is an official membre,
beepinge bothe spermaticke and spinoimperand hathe in it selfe subtill disposition, and it consisted light a

purse or a parmicular bladder. In the holowe spec of
the Lyuer, aboute the myddle lob or partition of the
Lyuer, there orderned to recept the colericke superstuitie engendred in the sappe Lyuer, the whiche
purse or designed hathe thre holles or neckes, of the
whiche by the firste, he draweth to him from the Liuer the colericke humour, that the bloude be not infected or noved therwith. And by the second holle
be necke he sendeth coler to the bothom of the Stomacke, there in to server the same making decoction.

And by the thyede necke, he fendeth Coler ogderlye

from one gutte to another to clenfe them of the droffe

or superflutte of the meate. And that is the cause

that colerpche persons be moze larative than men of

other complexions. And the areffycle may contenue

Here foloweth of the Splene. Capit.xj.

in quantitpe aboute halfe a ponte.

the Splene otherwise called & Milt, is a spermaticke medie a official as other membres be. And it is the receptacle of the melacolicke humouve or blacke Coler, engedred in the Lieucr. And in Lios, Dogges, wolfes,

no suche other stronge and hotte beates it obteyneth a blacke of sworteshe colour, but in a Swyne of other beates, whyche are colder and moviter, it is more whiter, as Galen teacheth in p sixth of administrying Inatomic, and in the fourth de metodo Medendi.

furthermoze, hysplace is on the leftelyde croffed wyle embralpnge and halfynge the Stomacke whole substaunce is rare a thynne and muche after the falhion of a fpounge, at the lefte wyle as touching hys holonelle, and hys pozolitie. And two caules 3 fynde wherfoze the Splene was ozderned and there placed. The fyste is, that by the melancolious fu= perfluities, whiche he draweth from the Louet, he is there noury hed and fedde. The feconde cause is that the good nuttiriue bloude by suchediawing of the adult and noughtye qualyties frome hym Choulde therby be clenfed and made pure from his dregges refule a melacolphe groffe thickenes, wherby the coplerion myght behurted a altered, if this mebre were not. Dozeouer, the cote wherin & splene is lapped, is broughte frome Peritoneum, not as a bande, but as a cote, enclosynge in cuerye place hys fkymy fub= staunce. The Splene also receptieth a small spinowe frome the fyrth knyttyng of the Brayne, lykewife as the Reynes, and the Cleffiele of Coler. And intakyinge forth the bowels, ye shall suffre the Lyuer and the Splene to remayne in the bodge tyll ge have considered the procedunge of the vesselles from the to the other membres.

Of the Reynes or Kydneys Cap.xij.

Pthin & regio of & nutrites binder & Adatrix behynotooth, be orderned & placed the Reynes to mundifie and purge the bloude, from hys waterily luperfluities. And they have ethe of them two pallages conveyaunces or

mapes, by the one is drawen the waternelle or fuper= fluous moviture from Vena chilis, and that by two beys nes w'nyche are called Emulgentes or mylkpinge bep= nes beinge of the length of a mannes fynger, and be= scendynge from the lyner. And by the other is sende the felfe humiditie or moulture to the bladder, and they are called Pori prisides or pretici. The fubstaunce of the kydnepes are lacerteous fleathe, haupinge a propertie to fretch out in length. And their place is be= hynde on ethe lyde of the spondils or tournynge toyn= tes of the lopnes, bepage two in numbre . And the ryghte kydneye lyeth somewhat hygher then the lefte, and is bounde falte to the backe with ligamen= tes. And the Philosopher sayeth that the Kyoney= es of a man are muche lyke to the kydneyes of a Come, for they are full of harde knottes, hanyuge m them manye finall cautties or holowe places, as it were certagne celles. And therefore, the foores or bleere in thepm are berye harde to cure . And thep are also moore harde in substaunce than anye other fleash ve membre of the bodye. And that for two caules, the one is, that they maye not be perythed oz hurte by the Charpenelle of the bame. The other is, that the layde bime whiche palleth throughe and from theym, mape be altered and clenfed or scoured throughethere foliditie and malliuelle. Alfothere commeth from the Bearte to eche of the Exonepes, an arterve that bayingeth buto them bloude, heate, fp= rite and lyfe. And in the fame maner there commeth a begine from the Lyner, that bigingeth bito theym nutrimentall of nourelhinge bloude . The greace of

fatnelle of these kydneyes is lyke to the Substaunce of the fatte on the other membres therwithin . Thys greace is an officiall membre, made of thynne bloube congepled and crubbed throughe colde, lyke as they are fometyme billolued throughe immoderate heate. Ind there is the moore or greater quantitie of fatte aboute thele kydneyes, partelye to tempze and mo= beratetheyz heate, a partely to prohibit and let the b= ryne, left wyth hys Charppe bytynge, it ninghte frette and make raise the substaunce of them . And between the Hydneyes on gtournyng toyntes, crepeth Venachis lis, or the holowe beyne, beynge there a beyne of great Substaunce, for he recepueth all the nutrimentall bloude frome the Lyuer . And from hym pallen forth manye small pypes or braunches on energe sybe. And at prourning topntes betwirt the Moulders he beuideth him felfe whole into.ti.great armes oz bou= ghes, the one of them going to gone arme, a the other into the other arme, there deupdynge them felues into manye beynes & brauches, as it halbe lyucly expresfed here after in the feconde fygure of vepnes, where= unto you mape reforte to beholde his bniverfall de= lineation or discription howe it is let forth.

? Of the lower parte of the bealy or wombe, called the Haunches. Capitu.xiij.

on bothe the lydes, with the two haunche bones. And in it are thre thynges princy= pallye to be noted. The fysite is, of the par tes conteyned withoutfurth: The seconde is of the partes conteyned withinforth . And the thyrde is of the partes procedynge outwarde from within. The partes conterned withoutforth, are parte of Abdomen and Periteneum, otherwolc named Mirach, and Sp= phach, as is afore layde, with the caule and the bones. The partes conterned withinfurth, are the Mellicle of Bladder of bypne, the bellels spermatycke, the Adatryr in women, Intestinum rettum or the arleguitte, with alfo the fynomes, bepres and arteries . The partes procedynge outwardes , are Dindimus Peritoneum, the Buttockes and the Dufcles befrendynge to the this ghes, whyche fhall here after be fpoken of in ozber. And as for the partes conterned withoutfouth as Ab. domen, Peritoneum and the Caule, it is sufficientlye spo-ken of befoze. And therefoze, we shall nowe speake commbat of the bones, whyche are also of the partes conterned withoutforth.

The discription of certayne bones belong ynge to thys place. Capitu. xiii

the backe called the Spondylles of the bones of the backe called the Spondylles of turning topines, whiche are in number thystre wherof the fysite are called in Latine Vertebra ceruicis, whiche are the Spondyls in the necke, the seconde are in the backe against § brest, and therfore they are called Vertebra thoracis. The tii. part are cotetened in the Loynes, the rest are in the holy bone, and after some authours, there are three of the Spondyls

in the rumpe bone . But howe manpe of thele bones are contepned in energe parte pou thall here after learne in the declaratio of the Caracters and figures of the bones. And it is to be noted that cuerpe one of the tournying topnies are holowe in the myddes wher throughe passeth the marey of the backe, called Nu= the, from the brayne . And some authours saye that there is no differece in Substauce, betwene this marey of the backe and the brague. And thes marey of the backe geneth to the fonowes bothe the power of mo= upinge and also of felpinge . And energe one of thele tournynge toyntes hathe holes on energe fpde thorowe o whyche procede bothe arteries and beynes beprigginge from the Hearte and lyuer both lyfe and nourythyinge, lyke as they do to the brane. And from the pannicle of the Marey in the backe, through the holes at the lybes of the spondyls spryngen furth the sphowes that gene and cause moung. And ther they affociate them felues with the ftronge lygamentes. whyche be of them felues withoute fence og felynge, and gene to the fapde ligamentes felynge lyke as they recepued it of the Marey descendinge in the Spondyls. And for thes cause Nucha is induced to be of the fubstaunce of the brayne, and the pannicles therof to be also of lyke substance with & painticles of the branne . Morcouer, ethe of these turnpnge topn= tes of Spondyls are bounde faste one to another: to that one of them mayenot well be moved without the other . And the continuation or lynkpinge and tyinge of these bones togyther is called of many the rydge bene, whyche is the foundation and fourme oz thape of the bodye. And with the laste topntes of the backe are framed or topned the Daunche bones. And they are the bpholders, and as it were proppes to beare bp all the tournpage topntes in the backe. Ind these bones are small towarde the tayle or rumpe, and brode towarde the Haunches, and thele boures make Offapectinis whyche are the bones aboue the priupe membres, they are also brote against the thuncentrailes . Ind therfore are they called of fome men Offa Ilia . And ethe of these bones towarde the Mare hathe a great rounde hole, in which is receyued the whysle bone. And belydes that place allo is a great hole og a waye where through proceden from a= boue diners mufcalous, bepnes, and arterpes, which

Of the partes conteyned wythinforth, and fyrste of the Bladder. Cad.xv.

paffe throughe that waye to the thighes. And thus is

it to be noted that of thes bone Ilion of Petter and of the whysle bone bothe together is made the topit of the

be fyiste thyage that commeth to spates of the bealty, is the Bladder of Uesticle of by the which is an official membre, and compounded of two snowpe pan nycles. And it is in complexion colde.

and dipe, whole necke is fleathye, and bath much to witholde and to lette go. And in men it is longer, and is contepned with the parde, pasting through Perimes um, But in women it is sporter, and is contepned with in the

In the Thape for the necke therof paffeth throughe the necke of the Matrix within the body, as it appeareth in the nonth figure of the Mattir. The Bladder is placed betwene the bone of the Chare and the arfgut, talled Longson or the strength gutte. And in women tt is betwene the sape bone of the share and the Mas trix, beinge in it enplanted two longe beynes com= myngefro the kydneyes, as it appeareth in & fecond figure of womens Mape. And the names of thep? two bepnes, are called of mofte wipters Pori pretici 02 els Vena vrecedes, bipngpinge with them the bryne of pille from the kydneyes into the bladder, which prine= ly and fubtylly entreth into the bladder by the thynne rymes, chimes, or pores and holes of the painticles there, by a naturall mounng betwene tunicle and tunicle, a thus the brine fyndeth an iffue and fo falleth prinely into the cautte or purfe of the bladder. And the moze o bladder is fultylled with bine offrench= ter be the two tunicles preffed together. for the ho= les of the timicles are not the one even against the other, a therfore, be the bladder neuer fo full, pet may none rebounde backe agayne. The fourme of p bladder is round and conterneth in quantitie almost the measure of a pytcher, howbest in some men more and in some men leffe . There are also founde two other beynes called the Vafa feminaria, that is to fave, the feede beffels, and they come frome Vneachilis bayngynge from thence bloude into the testicles or stones, as well in manas in woman, in whome by ferther De geftion it is in man made sparme, that is to save, the feede of nature, and they be put to muche outwardes because the telticles are withoute . But in women it abybeth within because their telticles are placed with in as it apeareth here after. Ind next to the befficle is fene the Macric, as it appeareth here after in the fegures and tables of womans bodge.

Here foloweth of the Matrix. Capit.xvi.

the Matrix of chambre in woman is an official membre compounde and full of synowes and in complexion colde and days, and it is the house of receptacle of mans generation being orderned to receaue, take, conserve

and nourplhe the febe of man . It is fit nat betwenc the Bladder, and the ftrenght entrailes. The fourme or thape therof is as it were a mans parde turned in= warde . It hathe two armes connipnge frome the Ipipinge toppe of the telticles, whiche in approchinge thyther cafte furth fondape braunches, as vemape fee in the feconde and fourth figures of women. It hath in it two concauttes or holowe celles and nomore, as farre as we can fynde by cuttinge, not withstandyng the dyuerlytre of opinions, of certagne wipiers: But all other beaftes have as manye celles as they have pappe heades. It hath allo a longe necke lyke an bi renal: and in the necke it hath two mouthes, that is to wete, the one within, and the other wythoute. The innermoze lyeth tulte and falte to the bealpe theteof of at the toppynge of the necke to the bealpe, which ein the time of conceptio Quiteth clole together. Bitt the outer remarketh firll open as it bpd before, and thes outer mouthe is called Fulks, 02 the womans Mape.

Te is placed bet Brene the the popes into hathe drife impodes a lafarreotis pannicie; talled in the materie tongue, Tentigo . And in the creation of thes pannicle, is founde two billities and purpoles that it ferueth for. The firstes, that by it goeth found be bune, whi the otherwyle night thebe of befile the partes aotacent . The feconde is, that whan a woman doeth speede her thighes, it altereth the apre that entreth into the Marrix to moderate and temper the heate there, and in lykewple both it in cold fealons, belpe to kepe forth the colde. ferdermore, the necke that is be= twend there two mouthes, hathe in her concauttie ma= mye introductions and plightes or foldinges, rolled and pleited together in manet of rolt leaues are bes fore they be repelor fpreode abrobe alind they are after conception thutte together in maner of a purfe, and from thence furth bono moore open tyll the tyme of chylde byth. And aboute the middle of this necke be certaine begnes in martens, whiche income of they frafte lyinge with man are corrupte and by reas fon therof are in mediatelye broken. Fervermore, in the libes of the outer mouthe of the Matrix within are two tifficles, or fromes with two feede beffels alfo, whiche feede bellels in women are more Morter then the feede beffels in man, whiche in the acte of worthe of generation, thed downe the sparme into the bocome of the Matrix. There are also divers begines com= nipnge downe frome the Lyuer to the Datryr, which bipage thether nutriment to nourplie the theloe whyle it remayneth within the mothers woinbe. Ind those begins what tome the Matrix is bopde, bipn= geth thyther the superfluous bloude from certapne niembres of the body wherof are engendred womans floures, wherby their bodges are purged and belp= uered from greuous difeales . Ind thes Matrix beprigetaken furth we ble to Aptte the lubstaunce ther= of that we may behold & winckles and inwarde partes that mape be viewed thereof. There are also in the fubftaunce of the Matrix opuerle fkymes of inwappers, as pe shall percepue in the fyfth, fyrth, fe = uenth and ergth freure of the same, in the booke bere folowpinge.

1) of Embrio. Capituxvy.

pleased almythize God to gene the knowledge of his high misteryes and worckes to his creatures here lyinge in this worlde: It shall not be beconsenient nor hurreful, but ra-

ther muche helppinge and beneficiall, to touche some what of the secrete operation of Nature, whiche God hathe orderned for the generation of man, and delive rynge of chyldren in thus world, for the continuaunce and propagation of mankende to hus deuphe pleature, so longe as shall luke hus deume maietye. The shall therfore in this present treature somewhat touch and declare howe man is engended in the mothers wombe, and howe it is there conserved and brought to lufe. For declaration where for it is syrste to be declared what small is, so facterouth as it has pleased God to geve knowledge thereof, by naturall reason and by Philosophie naturall. Small therfore as facte 3. tits.

Embrio

as we have learned of noble and excellent whilelophets waptyinge on thes matter) is a thenge engenbeed in the mothers wombe, the originall whereof is the feede of man and of woman together, of whythe two is made the myghte and power of creatynge the infante within the mothers wombe, fuch is the goodnelle of God, who of hys bnfercheable wpldome and infinite omnipotencie, bath graunted thes lo greate a benefite for & continual propagation, not onelye of man, but alfo of all beaftes and lyuynge thrnges to be preferued in they kindes, wherof we that by gods grace bere after fpeake moore at large. Butforthis prefent, firft & fielde of generatió called & Matrix is knowen to be placed in woman betwene the Bladder and Longaon. In & whych place is fowen by the tyliage of man, a commenable matter of kyndelye heate. for bythoelpe beate of natural heate is the cause efficient bothe of boynge and worckynge, and also of spirite that ceueth bertue and efficacte to the bodge, and gouernethand ruleththe fame in ductemper. Ind the leede of generation cometh frome the partes of the bodges of man and woman together, as by a naturall confent and effectuall well of all the membres toge= thee . And thus is the land fperme and feede of Rature febbe in the place of concepurnge . where it is through & bertue of kribe gathered together in the celles of the Matrix, and in the fame by the meane of the active operacion of mans feebe, and by the wave of fuffrynge of the womans feede, they are fo together mixed, that eche of thepm worketh mother, and eche of them fuffreth in other, And thus is engendred Em: brio . Ind it is ferder to be noted that thes forme of leebe of nature that commeth bothe of man and boman, is made of the mofte belt and pureft broppes of bloude that are in all the bodye. And by the laboure and the flynge of the Tellicles or flones, thes bloude is turned into another kynde, and is made fperme og feede of nature, as afoze fapde, which is in man hotte of complexion, white of coloure, and thycke of fub= Staunce, wherefore it mape not be spred, nor of it selfe tir ne abrode, but it renueth in takpinge mixture of the womans feede, why che hathe qualities contrarpe to the feebe of man, for the woman's fperme is then's ner, colder and febler . Andias fome authours boe wepte whan thes matter is gathered in the reghte fibe of the Matrix, then there followeth the fourming and creation of the Shale kynde, and contrarywyle, whantt is gathered together in gleft libe of the 9)a= trix, than commeth thereof perfourmed the female konde, and where the bertue is most, to that the worke enclyneth molte. And ferder it is to be noted, that as the renet of the cheele hath by it felfe the mape or ber= tue of worckynge has feate, so hathe the mplie by wape of suffrage. And as the renet and the mplke maketh the cheefe, so doeth the sperme of man and wo= man make and fourme, by generation the Embrion, where commeth the childe. And of the selfe same though within springeth by the vertue of kyndelye beate a certapne lapune or caule, whyche it lappeth it lefte in, wherewith afterwardes, it is thed to the mothere wombe, a fromering cometh fouth afterward at the buth of the chyline. Ind pf it happen that cape of the flynme remapne within the woman after the byth of the chyline, then is the woman in paryll of her

lyfe. furthermoze, it is lapbe that of the Fubrio is ene gendied the Bearte, the Apuer, the Brapne, the Spenowes, the Haynes, the Arteries, the Cordes, the Li gamentes, Skinnes, Gryffils and Bones, recepuing to them by kindelye bertue the mentruali bloude, of the whyche allo is engendred bothe fleathe and fat= neffe. And (as & auncient wayters do Epecifie) the fyat thynges that are Chapen are the pipneppalles, as the Deart, the Lyuer and the Brayne. for of & Deart Spryngeth the arteries, of the Lyner the beynes, & of the Brayne the spnowes. Ind whan these have taken thepe fourme and Chape, then Mature maketh and Chapeth bones and gryftels, to kepe, conferue and fu-Stapne the same . Is the bones of the heade for the brapne, the brefte bones and the rybbes, for the heart and & Liver. Ind after thele fpamgen al other mein= bers one after anotherm fuche other as is moofte requispte and expedient for the bodge.

And the chylde is bredde forthe m foure begrees, as thus . The fyile is when the fperme og lebe is lyke the libstaunce of mylke. The seconde is, when it is turned from that kynde to another, why the is lyke a lompe of bloube . And hipocrates calleth this by the name of From The thysbe begre is, when & principal partes are fhapen, as the Beart, the Lyuer and the brapne. The fourth and lafte is, when all the re pour of the membres be perfective fapen. for then the Philosophers holde, that it recepueth foule. Ipfe and breath, for then it bearnnesh to move it felfe alone, whiche without the thyinges afore fayoe it coulde not doe. Powe in thefe foure dearees afore fapbe, it continueth in the fyzite (as implie) by the space of seuen bayes. In the seconde (as Feetus mune bayes. In the thyrbe space a sompe of steashe engenbrynge the pryncypals) by the space of twelve bayes. And in the fourth (which is to gful tyme of perfection of all the whole members it remarneth by the space of eyoftene dayes, and to by the accompte of dinerte Philicions, there are ly e and fourty bayes, from the Dape of conception to the dape of full perfection and recepuringe the due Chape complete and the foule, but mihat we submytte oure felues to the woldome and pre undent ordinaunce of hym that is the maker of all thyriges, in whome onely is the premples to orderie and Determpne. 3 no we Mall tere retourne agapne to the refte of the Inwardes contepned in the baunthes of neather parte of the bealp.

> Of the strenghte entrayle otherwyfe cals ledthe ar gutte. Capitu.xviy.



Bys ftreyght entrayle called Longaon of the Arlgutte, leth betwene the Matrex and the backe, and it is of panniculer Cubftaunce as all the other bewels are. andit is in length a good Spanne, the bpper ente thereof

fretcheth be nyghe to the repnes, and hys neather parte is called of fome men the towell. Ind aboute hom is founde two mulcles, the one of them to open, and p other to flut. And there are allo founde in hom frue bepies of braunches of beynes, called Hemoroides whyche have a colligation or knyttynge together

with the bladder , and therefore are they partakers together in they? greuaunces or oileales. And when this Longaon is rapled by in administring Anatomie, then maye you see the beynes, arteries and synowes, howe they are braunched, a bowed downe to the neather partes. And concernings forder knowledge here in, you maye repayte to the figures here after folowings, and chiefelye in the eyghte and twenty figure of the Wiscles.

Here followeth of the part es procedynge outwarde, and fyrst of the Yarde. Ca. xix.

De Parde oz & mebzes generative in man are now to be spoke of, whych dure oz cotinue buto the parte chiled Peritoneum, whiche place is from the coddes buto the foundemente, wherein is sene a feane, am & fylt boke of ftozics &. bu.cap. philofo pher theweth it to be placed at pende of p fhare. The Parde is an officiall membre, and the tyller of mans generation, compoude and made of fkinne, brawnes, tendons, beynes, arteries, fpnowes and greatelyga= mentes. And it hathem it two passages, canelles or principal pflues, that it is to wete, one for the fperme or feede, and another for the brine. And the Philoso: phers alligne therunto the quantitie or length of feuen or erghte priches commonlye, with proportionall and measurable bygnes accordynge to the capacitie of the Matrix. But the trueth is, that it barieth in euerpe manne concernynge bothe those Demensi= ons . And Aufen affirmeth the Parde to have thre passages , holes or plues, throughe the one to passe insensyble polition, and the wynde that causeth the erection of the Yarde, and the other two holes for bypne and feede, as is sapple afore. Doceoner the bobye of the Parde hathe a sappne aboute it, where the beade or glandyll thereof is clothed with a double Chyune called Preputium, whiche the Jewes ble to cutte of from they chylozen by the willtution of their law. and the farme is mouable, for throughe the confrieation thereof, the spermetyke moulter is the better and the fooner gathered together, and the fooner als To cafte fouth from the tellicles , by the Yarde mothe Matrix, for by it is had the moore delectacion in do= page with the woman. And the formofte parte of the beade of the Parde is made of a lubtyll brawny fleth, whiche if it be once lofte, it is foldome of neuer reftored agayne, not wythftandyng git maye be well cicatricied and lapunged. ferbermoze, betwene that dois ble skynne and the sayde toppe of the Parde called the Blandyl, doeth often arple a Bullyl, whiche longe continued infecteth the whole bodge.

Of the purce conteyninge the Testicles called commonly the Coddes. Capiaxx.

the generative membres, pet utis a principal membre, for withoute utis a principal membre, and the cultobje and comforte of the Celticles, and the other specimal that bessels, and it is also made of two partes,

that is to wete, of inner a of the biter, & biterinome is compounde and made of fkynne and lafartes runs nynge bothe on length and also crolluple, in lyke maner as is & Dyrach. The inner part therof is of & Substauce of Siphach a in it is fimilitude of.ii.poc kettes drawen together by the felues, nothing diffes rynge from Siphach of Perisoneum, and they be made two for thes cause, get & one shoulde be hurt, pet the other Choulde be preferued. The telticles or ftones beinge within them contenned or made or constitute of glandulous or kyrnellye fleathe. And ferdermore, there comen fynomes frome the brapne throughe the Dindimus bito the Telticles, and from the heart, arte= ries, and from the lyuer beynes, bypngynge to them bothe felynge, ftyrrynge, lyfe, spirite a nutrimeniall bloude, beging the most purest bloude of alibe mem= bies of the bodye, wherof by decoction and laboure of the Tefticles is made sperme or scede , whiche be= yng put forth in dew tyme as is before rehearled, ge= weth formal estence and power of encreacement to the fruite of generation.

Of the Graynde or Share. Cap.xxj.

tozpe of purgative to the place entime tozpe of purgative to the Lyuer. And what so ever infection be in the Lyuer, pentime be stronge and sufficient, it expelles hit to the place, as we ofte sene in tyme of plague, a after

great agues and other infections taken of bicleane women. And the fleath and farm in thes place is then, wirnckled or courtine by reason of bowringe the thy aghes. And the hyppes have greate brawinge fleathe theron, breause therefore muscles, cordes and lygamentes, to move and bynde together the thighes with the haunches or the bone called Coxix or Coxendix. And as for the constitutions of the buttockes we referre to the tables of the Duscles, where the partes therof are at large beclared.

Here foloweth of the seconde or myddle ventricle, whyche is the Breste, called in Latyne Pectus, & in Greke Thorax. Capit.xxy.



hys feconde Uentricle begynneth at the former parte of the necke called Ligulum, and so contepnynge all the whole region bothe behynde and before unto Diafragma otherwyse called the Approxysse. And the Bresse it selfe is called the Cheste of the

spiritual membres of man. And it is to be noted that there be on the otter parte thereof contepned foure principall partes, as the Sapine, muscleous fleashe, the Pappes and the Bones. And the partes within are eighte, that is to wete, the Pearte, the Pulme, (which contepneth the Lyghtes and Lounges) Panicles, Lygamentes, Synowes, Mennes, Arteries, with the mouthe of the Menticle, which is called Pophague, and it is also commonly enamed the Stormacke.

macke . Robe as concernynge the outwarde par= tes , they Mall here after be at full lette out in the beclaration of the same, the Pappes, whyche we Chall here fomwhat touche, eare we goe anye ferder. The fleathe of the Pappes Differeth frome the other fleathe of the body, in that it is whyte, glandelous and fpongeous, haupinge alfo in theym bothe Spino= wes, Repnes and Arteries, with whyche they are ty= ed and anotte buto the Bearte, the Lyuer, the Brapne ap Benerative mebres. Ind there are also in the Breft (as paunciet Authours do make mencion) foure fcoze and ten mufcles, for fome of them be come to the Aecke, some to the Shoulders and the Shoul der blade, some to the Myddayffe, to the Kybbes, to the Backe, a some to the Brefte it selfe. And we finde berve certapne commoditye and profyt in the creation of the Pappes, euen as well in men as in women, for in man they befende and kepe the spirituals from hutte, and novaunce withoutforth. And by they? theckenelle and complexion they comforte the natua rall heate mundifipnge and clenfpnge . And in womenthere is in them hadde the generation of mylke, for in bomen there commeth from the Matrix into the Breftes or Pappes, dyuers and foundage Argues, bipngpinge in thepin menticuall bloude, whyche is there throughethe bertue and power digestive, tur= ned into the colour of whytenes, lyke buto & fleath of the fapte Pappes, in lyke maner as the Juice of the Deate of Chilis commenge from the Mentrycle to the Apuer, is Digelted into the colour of the Apuer . fer= dermoze, the bones of the Brefte are fand to be triple or threfolde, and they are innumbre feuen lyinge in the Brefte before, and they length is after the breabeth of the Brefte . And they extrempties or endes be gryftelye, as the Rybbes be. And at the bp= permoft part of Thorax of the Breft is a hole of caupte, wherein are fette the feete of the furkplbones of Ca= nell bones, why che are called in Latyne Clausenla. And as the neather part of the Brefte agapufte the mouth of the Mentricle hangeth a gryffle, whyche we call propertie f fhape gryftle, for it is called of the Doc= tours Enfis formis, that is to lape lucarde like. Ind thes groftle was orderned for two causes. The one is, that it houlde defende the Mentricle withoufurth frome burte. The seconde, that in tyme of replexion or of fulnelle it shoulde geue place to the Clentricle when nede requireth. The partes of the backe belonapage to the Brefte conterne twelve spondyls or turnynge toyntes, throughe whome palleth the 90a= rep of the backe called Nucha . And from them fpaper= gen twelue papte of nerues ot fpnowes, bipngynge to the mulcles of the Breffe aforelayde bothe felying and moupinge. And here is to be noted, that in everye fpde are twelue rybbes, whereof feuen are called the true rybbes, and four are called the falle rybbes, because they are not of the tuste length of the other leuen agit mape be sudged by the epe, and as you mape perceaue in the thre frgures of bones.

2 Of the partes conteyned wythinforth, and firste of the Hearte. Cap.xxiy.

membre of al other membres, and alfo the begyning of lyfe, he is fette in
the myddes of the Brefte, seucrallye
by hym selfe, as Lord and kyng of at
the other membres. And as a Lorde

and kringe oughte to be ferued of hys subtectes, whyche have they lyunge of hym: So are all the membres of the bodye readye to ferue the Bearte, of whome they all recepue they lyupinge, and do fer= upce manye wapes buto hym . The lubstaunce of the Bearte is as it were lafarteous fleathe, bepnge spermatike and an officiall membre, and he beyinge the begynnynge of lyfe, geneth to energe membre of the body both bloude of life, and spirite of breath & heate . But here mapea certapne boubte arple, for and of the Bearte wer of lafarteous fleathe, hys mouynge or ffyrringe houlde be voluntarpe and not naturall, but the trueth is the contrarge, for it were impossible that the Heart shoulde be ruled onelye by well and not by kende, the Bearte also hathe the spape or fourme of a Benaple, and the broade ende therof is bywarde, the Marpe ende depending down wardes, somewhat towardes the lefte spoe. And here it is also to be noted, that the Bearte hathe bloude in hps lubitaunce, where all other membres have it but in they? Uernes and Arteryes. And alfo the Bearte is bound to certapne ligamentes to the backe part of the Brefte, but thefe ligamentes do in no wife touch the Substaunce of the Peart, but Spapinge forth in the opper part of him, and fo is he fastened. Fouthermore the Dearthath two bentricles or concauties or puts fes, the left of them beying hygher then the ryghte. and the cause of these caustes or holowe bagges is thys, because they thou loe kepe the bloube for hys nouryfhynge, and the apre to moderate and abate the great heate & the lacart is in, whych bloude and appe are kepte in these two cauptes or holowe bagges. And here it is to be noted that to the right Mentricle of the Bearte commeth a Aepne frome the greate Elepne called Vena Chilis, whyche receaseth all the fubstaunce of the bloude frome the Lyner, antthys Acpne that commeth frome Vena Chilis, entreth into the Bearte at the ryghte Mentricle, as afore is laybe. And m hym is brought a great porcioof thyckeft bloube therewith to nourpfhe the Beart, and the respone of is lefte of this is made fubtyll and thomat through the bertue of the Bearte, beginge put then afterwarde in= to a pytte of cautte of purse in the myddest of the Bearte, betwene the two Mentricles, and there is it made hotte, there is it clenfed and pured . Ind then it paffeth into the lefte Mentricle, and therein it is engendzed, fpirite, moze clearer, bzyghter and fubtyller then is any corporall thrnge, compounded of the foure Clementes, foz it is a thynge that is a meane betwene the bodye and the foule, and therefore the Philosophers lyken it rather to a heavenlyethyinge then to a bobelye thynge. It is also to be noted that frome the left Mentricle of the Bearte spayingen tho arterpes, the one hauping but one cote as a vapue, and therefore it is called Arteria venalis, that is the peynall Arterpe. And thes Arterpe carpeth fouth bloude from the Dearte to the Lounges, whyche blonde is vape= rous, and is tried and lefte of the Deart to be brought

by the Arterpe to the Lounges of Pulme, to gene therto noury Mment. And he recepueth there apre of the Pulme, a lo bapageth it to the Bearte there with to refreshe hom, wherof Balen beareth womes in the leconde chapter De innamentis membrorum lapinge that the Deart of man is konde to the Lightes and Lounges, fythit fendeth buto them of hys owne bloude to feede thepm, and that they rewarde hym agapne with apre to refrethe hom. The other arterie bath two co= teg and is called Vina Arterialis on the great Arterye, for he bothe accendeth and bescendeth, and sendeth forthe bys braunches to all the other Arteries, that fprede to energe membre of the bodge. And by hym are refre: Med and quickened all the membres of the bodye, forth the fpirite that is recepued in them is the infirus ment and treasure of the bertue of the soule . And thus it passeth butplit come to the brame, wher he is clenfed a depured, and as it were frapned into a fer= Der Digeftion, where he recepueth another fpitite, and fo is made animal. And thus beyinge made at the the nernutrimentall, at the Tefficles generatite, at the peart bital, and at the Bragne animall, he is made a perfecte fpirite of euerpe kynde . Sothat by meane of hom all operations and every workynge in the bos dyetake they, dueeffecte. And two caules I fynde why thele Arterpes haue.ii.cotes, o one is that one cote is neither lufficient not able to withfrande & bio= lent mouting a flyzring of & spirite of life, which is carried in him. The secode cause is, & the thong which is carped aboute in hym from place to place is of lo pies ctous a treasure that there cannot be taken to muche beede in the keppinge therof. ferthermore, fome doc= tours call thys Arterpe the pullative or beatinge Mepne, lith by hym is knowen and founde the power and myghte of the Bearte . wherefore it is manifelt that for great lapll Pattire hathe ordepned to thys Arterpe two cotes . Allo there are ordepned in the Dearte thre pellicles or thune tunicles opening and closynge at the gopinge mof the Bearte bloude and spirite in convenient tyme . Porcover, the Beacte bath two lytle eares for breathing hooles throughe which cometh in a pallith forth the apre lente thither fro poulme. Ind ther is alfo foud in & beart a grillthe appe to helpe and ftrengthen the hearte in bys affapres. The Deart is furthermore conered with a fronge pannicle whiche is called of fome men capfula Cordis 02 Pericardium, and it is a ftrong cale or bore wher in to kepe the Deart, bntowho f nerues approch, as to the other membres withinfurth . And this pannis cle Pericoadium (papageth of the bpper parmicle of the apposette. And of hym alfo fpringeth another panilcle called Mediaftinum winchdeparteth thebitet the middle, and kepeth that the Pulme of Louinges fall not ouer the Bearte. And pet is there another pannicle alfo that couereth the rybbes withinfurth, and it is called Pleurs of whome the Appodutte taketh hys begynnunge, and (as it is fande of aunciente wiyters) the harde pannicle of the Brapue called Duramai er is the originall to all thefe pannicles within the bo ope . And thus it is eutdent, that one paymicle taketh his beginninge of another.

Here foloweth of the Pulme, called of some the Lightes & Loungess Capit u.xxiin, Dys membre is comprehended of cer tayne wipters bider in name of the Lounges, althoughe it contenent ther with allo the Lyghtes. Ind it is a membre spermaticke of hys fyrste creation. Dys naturall complexion

is colde and moulte, beyage lapped in a lynowy pannicle, bycause it Moulde gather together and kepe the fofter substaunce of the Lounges and Lyghtes, and othe layd Lounges and Lyghtes myght fele by meanes of the lapbe pannicle, that whiche he mighte inno wyle fele by the power of hym felfe . Nowe to proue thes Dulme to be colde and dape of hynde it appeareth well by his firste flyiringe, for he lyeth e= uer waupinge ouer the Beart, and aboute the Bearte. And the is colde a monte it appeareth well, fyth he recepueth of the Brayne fo manye colde matters, as in catarres and retimes whole fubitaunce is recre or foste, and thome, and in qualitie not aswayes doffe= ronge from the tolde qualite of the Brapile . Moreouer, we fonde in the Pulme the konde of beffels, the tylte, is a Tepne communae from the Louer, and bigingunge with him the crubbe and rawe part of the Chple therewith to feede the partes of libstaunce of the Pulme. The seconde is & Menal artery comming frome the Hearte and bypugynge with him the spi= rite of lyfe to comforte hom. The thyrde is Tracbea Ar. teria, that is to lave, Charpe or roughe Arterie, why che bayingeth apre bito him, and whiche also pasteth thoroughe al the partes of the Pulme to execute bys of= tice and duetye. furthermore, the Bulme is deupded into frue lobbes or portions, that is to fage, thre on the epotte lyde, and two on the lefte lyde. And it was lo done for the caule, that if there chaunced any burt to the one, that the other shoulde yet serve and fulfylk the office . And also there are thre causes why the Bulme was principally ordepied . Fyrite, that it Mould drawe freshe winde therwith, to refrigerate & coole the heart. Secondely, that it Moulde chaunge, alter, prepare and purific the lay de apre or wonde before it come to the Dearte, left the Deart myghte by & fodayne chaunge a qualite of ayze be diftempered oz infected, wherby myghte becaye the whole bodye. The thyroe cause is, that it shoulde receaue from the Hearte the fumouse superfluities of superfluous breath, whyche he geneth furth in breathynge buto the partes therof. And in lykwise they to centre them felues by chattinge of agre . Also behynde the Pulme towarde the turnynge topntes of the backe, is placed the necke of the Stomacke of Werricle, of whom it is ipoken of in the Anatompe of the necke . And there pallen alfo bothe Tiepnes and Acteries, whiche with the Charpe Arterye, with pannicles, ftrongeligamen= tes and glandulous fleathe doe helpe, too furnythe and fulfyll the boyde places there in lettynge forthe the gowlet. And lafte of all in the Appdozeffe, which is an officiall membre made of two parmicles and las ferteous fleath, and tips place is in the moddes of the bodye benyding the neather Mentricle of bealy from the oppermoze, beginge fpzende ouerthwarte in breadeth bender the region of the spirituals. Ind we specifie causes why the Appoints was orderned. Traffe, that it southe deuple the spiritualles fromethe nutrites . The feconde, that it Moulde

kepe the bitall heate to descende downe to the nutrites. The thyrde and laste, that it should eposibite and lette the malicious sumes of the nutrites to alcende betwards, whereby the spiritual and bital mesbes myghte be offended, hurte or diseased. Moreout, to this seconde or depermore bealed belongethy necks, whiche because it can longer last a continue in the administrying of Anatomy then the spirituals, we here place it laste.

The Anatomye of the Necke. Cap.xxv.

Oncerninge the Acche of man Ga-len proueth in the leuenth booke de invamentis, that it was made onely be-caule of the Lounges and Lyghtes. for what soeuer thinge wanteth the Pulnie or Lyghtes, the same wan-tethallothe tecke nea and also home errente siske tethalfothe necke, pea, and alfo borce, errepte filhe onelp. And pe that understande, that the necke is al g whiche is conterned betwene the head and the Choulders, and between the chymne and the breffe. The Recke is a compounde membre made principally of foure thinges, that is to wete, of p tourning topntes, the wave of wonde or breathe, and the way of meate with the other partes therin , hereafter to be moore playilye declared because they are in the Aecke and not of the Aecke. Poseover the turninge countes of the Aecke are leven in numbre, whereof the fyste and helt is topned to the lower bone of the Bead, called in the Philiciens and Surgions terme, Pyxis es, og Bafillare, and in the fame wyle is topqued euerpe iounte to other. And the last of these seven is lykewise topgned with the fyzite spondyl of the backe agaynst the brefte. And the ligamentes that kepe thefe tour= nong iountes together, are not fo harde not tough as thole of the backe. And the cause why that these of the Recke be febler then they of the backe is, that it was thought necessarpe that the heade shoulde mone often trines wythoute the Recke, and the Reckelpke= while without the heade, whiche inpuffe in no wple be done, of they hadde ben made fo fronge and boofte= ous as spondyls of the backe. And from these afore land feuen fpondpls or tourning topntes of & Aecke spangen forth seven paper of synowes, whych are die rived thence into the Deade, & face, the Sholders of the Armes, as thus, fylle from the hoole of the firste tournpnge topnte lpapagen the fpafte papae of lpno= wes, betwene the fylle counte and the seconde and in lpke maner procede they out of the refte of the tour= nynge toyntes. And thefe synowes recepue subtyll power, bertue and disposition of the synowes of the braphe or (as fome men write) out of the marcy of the backe, of the whyche power lynowes fleathe, and a pannicle is the composition of Apulcles, lasartes and brapies made, whiche thre termes are all one. And they are the inftrumentes of boluntarye mougage, of euerpe membre. The mustles of the Recke are num-bred by Galen to be twentye, and they serve to the motions of the heade and of the Aecke . Ind it is to be noted that there are thre maner offeathes in the Substaunce of the Becke. The frust is & Doppmar called of chylozen the golden beere, wheth is a certaphe membre runninge longewyle, and lyinge over the lis

des of the tournynge toyntes, commynge fromethe heade bowne to the latter fpondpls . Indit is ordeps ned for thes cause, that when the sprowes are by reas fon werp of onermuch labour in their moung of trauclynge they myght refle bpenthys Pypwaras bp= pon a bebbe, oz a quilte to cafe thepm . The feconbe fleathe is mulcious, from whom fpamgen the tendons and cordes that move the head and the Recke, whis the are numbed twentpe as the mufcles before fapt. The thyrde is pure fleathe, and it replenytheth the boyde spaces there between . The thyade parte of the Acche is the imment of bolynge parte that franbeth forth of & throte before. The fourth parte is called in Latpue Gila . And the lunder parte of the Acke is called in Latyne Cornix, because it kepeth the Marey of the backe descendinge bowne frome the brame throughe the tournpuge topates there . And some wapters affirme it to be called Cernix quaficerebri vita, ag pf pe foulde fare in Englythe, the lpfe of the brapne, bycaule the necke recepueth of the brayne the influence and beriue of mournge, and fendeth it by the fynowes to the other partes and members of the bodge benethfurth, And here ve thall biderflande that thele wordes Gula, Topbagna, Meri, and the necke of the Stomacke are all cucifyinge, and in the tables here after pe that fee it named the Stomacke, after the monbes of the Greke translatours . Ind it reacheth in length from the mouthe to the Clentricle, and is falle ned to the spondyls of the Pecke in his comminge downe butpl he reach ful to & fifth toput, where he te= ueth the spondyls and strycketh forth to the formoste parte of the Brefle, and fo paffeth through the myb= bar fe to the mouthe of the Stomacke, and there en= delly. And it is to be understande that thes we fand is compounde of two tunicles or cotes, the mner and the btter. And as for the btter tunide, it is bata fpmple membre, and neverth no retention but onely bys oftene noiphment. But the inner tunicle is compounded and made of mulcles, of disposition lyinge longwise by the whyche he mape drawe meate from the mouth into the Stomacke, agut is lapbe in the Anatomie of the Stomacke. Furthermore, the Marpe Arterpe of topitoe proc called Caina Pulmonis and Trashea Arteria, ts all one thynge and it is commonly called the throte Bolle. And it is fet within the necke before the necke of the Stomacke, beying knit & compoude of gryfily fubstaunce. And the pannicle lyinge betwenethe we-fant and the theore bale is is called Alman. And ye That further binderstande, that the greate Weyne and Arteries, which camified and spiede in braunches by bothe the lodes of the necke to the bpper parte of the heade are of fome called Swydege, a of fome beyne organce, the incilion whereof in the lyuelye is berre baungerous and perplious, but for the further procelle begynnynge and endynge of thefe, with al thin= ses, contepned in the necke, it thalbe more exquilitipe let furth in the figures followinge, whither after the readonge here of thes, poumage for poure further knowledge haue recourfe.

The Anatomye of the Heade, whicheis called of authours the thyrde or hyghest Ventrycle. Capitu.xxvj.

### Of the partes of Mannes bodye.

Praule the Deade of man is & place of memozye, reason and buderstan= dynge, or rather the habitacion or manfion house of the Soule, we Chal therfore by the fufferauce of almigh-

Anatompe ther of, begynninge fyille with the authoritte of Galen, who writeth in the seconde chapter of bis boke entytled de Iuuamentis, and of Auten recitying inhys firste proposition, that the Geade of manwas made neyther for g watte nor for the branne but only for the epes, whiche they proue by thes reason, that diuerle beaftes haupnge no heades at all have the oz= gans or instrumentes of witte in these brestes. And therfore the goodies of God hath rapsed by the head of man, that the eyes beinge fette and fastened therm myght be as a watche man to al the whole body stans dynge in the hyghest place thereof, euenlyke as a watche man of a citye or castell hathe alwaye to hym appointed the highest place, to the ende that he may the better watche and gene warninge of the enempes approchange. And so also doe the eyes in the Beade geue warninge buto the common wittes for the de-fence of the lower membres. Powe to our purpole, pt a question be ared howe many thinges are contented on the Deade, and howe manye thynges within the Deade. we myghte aunswere accordynge to Buido. that there are but fpuc, contening, a fine contened. Meanynge thereby, the Heere, the Skynne, the ficashe, the Pannicles, and the Bones, and thus he leaueth burouched bothe Tlepnes, Arteries and Sie nowes, a therfore this answere is thoughte to bein= Cufficiet, because they are also of the partes without. Reverthelelle, we that here in thys chapter speake of bi, partes that doe conterne, as heere, Skynne, fleathe, Leynes, Pannicles and Bones, and beclarange what profite they bringe fingulerly butoman energe one of theym in his kynde, And firste, we shall Speake of the heere, whose declaration shalbe fene in the difcription of fymples. Porwithstanding we note foure builties why the heere of the Head was orders ned. The firste is, that it defendeth the brayne frome to muche heate, and from to muche colde, Afroother outwarde incommodities . The fecondeis, that it ma keth the fourmeor shape of the heads to seeme the moore compre, and bewryfull, and also makethadi= flinction of the head fro the vilage or face. The third is, that by the coloure of the heere is witneffed and knowen the complexion of the brapne. The fourth is that the fumolities of the brayne myg'ite paffe the lyghtlyer throughe there by, for the corrupt bapours and fumes of the brame partelye are expelled by the growynge into heere, and partelye doe mooze eafelye passe throughe the heere hanginge lose, then they coulde do pfit were as harde of thyche as fayine.

Here foloweth of the skynne of the heade.



the skynne of the beade is more lacer teous or toughe, more thycker and fuller of powers, then the skynne of anne other membre of the body. And foure causes there are to be noted toby it fois, gone, that it kepeth and

defendeth the brayne from to much heate or colbe, as the heere boeth . The feconde is, that it difcuffeth or geneth knowledge to the common writes of all thinges that noven outwardlye, whiche can not be done by the heere, for the heere is intenspole and boyde of feelynge. The thyede is, for becaufe it Moutoe tepe the branne the warmer, and should be the better fense for the brayne. The fourth is, that it byndeth the bones of the heade the moore faster together.

Of the fleashe of the heade. Capit.xxvij.

Ad the fleathe of the heade is al mulclous or lacerteous fleathe lyinge on Pericravion nerte but ott and none of ther thyinge between And it is made of subtril disposition and simple fleath, of spinowes, of beying a of are teries, and why the fleathe of everye membre of the bodye is made musclous and lacerteous there are thre causes. The fraste is, that by his thickenesse it Choulde comforte the digestion of the other membres lyinge nyghe buto them. The second is, that through it euerpe membre is made & more feemelyer and bet= ter spaped. The thyede is, that by his meanes energe mebre of & bodyc braweth to him nourythment frãothres that put it forth fro the as shalbe more playing expressed in the figures therof.

> Herefoloweth of Pericranium amplecting the bony coueryng of the brayne. Ca.xxviy

> > Ad here commeth fyzite to be confps

dieda Clapne and an Arterpe cres pring betwene the fleash a the sapo Per ricranium, and nouryshinge the better parte of the heade. And so entryinge princelye throughe the seame of the head or ficul bearing nourelly ment to his parmicles of whose substance he is made, aswell to the harde pannicle called Dura mater as the pannicle Pericranium as it fhalbehere after beclared amonge & partes co-teyned withinfurth of & heade. And here is allo to be noted it the a pannicle Pericranium it compaffeth about al phones of the heade. whereunto is harde and faite topned a cleupnge alfo to & harve panicle of bragne, bepage also a parte of hys substaunce. Howe bett they of them felues separated adeupded the frome & other. for dura Mater is neathermore a lpeth noghe & brayne upon pia mater. And thys Perieranium was made principally for. 11. causes. The one was for his strog bindying together of g bones of the head, g the feble knytting together of feame of & fcul myght be made ftronge, ftable a frume. The feconde is that it fould be a meane betwene the harde bone and the lofte fleathe, to the entente & the larde fleathe thouldenot beharte or brused by the hardenesses of the bones of the brane panne.

> Herefoloweth of the bones of the heade, called the scul or brayne panne Cap. xxix.

Ext deder Periranium lieth the braphe panne, whole names, partes, numbre and differences, founde and ally gened thereto by authours, it were to long here to reherfe, for some named it after however, some after the dra

bians, and other fome after their mother tongues. But what focuer they call it, it is all to one purpofe. Ind there are numbred in the land fcuil feuen bones, of the whyche the fyrite is called, the crownall bone, in whome confifteti) the booles of the epes, and it bus reth from Browes to the middelt of the heave, and there it meteth with the feconde bone called the Dc= cipiciall bone, whyche is at the hynder parte of the beade, and called of fome menthe nipodle bone. And afmell the Crownall bone as the Decipicial are both beupded by the myddelt in twayne with the scame of the heade. The thoude, and the fourth bones are called Parietales, because they be as walles of eyther syde the heade. And thefe also are deupded by the feames or future of the heade, bothe from the crownall bone and the occipitial. The fufth and the furth bones are called Petrofa of Medofa Offa, on thefe two bones lpe o= uerthe bones called Parietales on energe Tybe of the beade like buto scales, in whome be the hooles of the eares. The feuenth and the lafte bone of the heade, is called pixis os of Bafillare. 3nd thys bone is as it wer a webge buto al the other lyre bones, faftening toges ther. And they are thus numbed. The fyste is the crownall bone, the seconde the occipitall bone, the thy De and the fourth are Parietales of the wall bones, the fifth and forth of Petrofa of Mendofa other tople nas med the falle bones, the leventh is Pixis os Bafillare Di els Cuneiformis becaule it is in figure and offper lphe a webge, and therefore is of many called the webge bone, and thes luftifeth for the partes of the beade sopthoutfurth.

> 20f the partes of the Heade conteyned wythinfurth. Capitu.xxx.

peareth is the harde paunicle called in Latyne Dura Membrana, 3 of the olde in Latyne Dura Membrana, 3 of the olde in Latyne Dura Mater, and nexte bader it lyeth the thymne pannicle, called Pia Mater of Tenuis membrana. And bader that thymne pan nicle lyeth the substance of the brayne, deupded betwene into two Mentricles, lyinge on the ryghte syde and the lefte, with the parte that is called Cerebellum placed in the inyddle of the heade, as here after more at large shall be sayde. And afterwarde foloweth the womp shape called in Latin Vermiformis, and the retiformis, or gnetshape otherwise named rethe mirabile But let be now returne to gharde panicle, from who we have made thys digression, and lette be shew where and bowe he is spronge and made. Fysite it is to be noted, that of the Llepne and Arterye spoken in the discription of Tericraniam, howe he was shewed to go principe

throughe the bone of feame of the heade . Ind where

by they, union and gatheringe together they doe not

onelpe bipinge and gene nutriment and spirite of life,

but also doe weave and enfolde them felues so toges

Ad nexte buder the bones of the

there that they make and are made this hard panide. And it is holden by by certaine theedes of him lefte comping through & lapde feame of & heade, rumpinge into the paintele Pericranium, concepnge the bones of the heade, for to the aforeland Marne & Arterpe, and thefe thecoes communing frome the harde pannicle is as it were wouch and made the pannicle Pericranium. furthermore, the cause why the harde pannicle is set or levered frome the scull is for two considerations. The fyzite is, that yf the harde pannicle Mould haue touched the scull, it amounts then berge lyghtely have bene butte of the hardenes of the bone of the same. The feconde is, that the matter of corrupte moulture communge from the woundes made in the bead, and pearchynge the fcull, Coulde by it be the better befen ded and kepte from the thrime parmicle of the brayne and fo the fubflauce of the bragne myght be molefted or hurte. Moreover nexte buto the harde pannicle is the then panicle, called Pia Mater, oz mehe mother, bes cause it is so softe and tender to the brague, of whole creation it is to be noted as of the harde pannicle for the organall of bothe, is of one kynde, in theprefriste creation, as from the Hearte and the Lpuer, and it is called the mother of the brayne, bycaufe it is fofte and tender ouer the brague, and that it both nourpshe and feede & fame as docth a longinge mother to her tender thylde. And in thys thynne pannicle is muche to be noted of the greate numbre of Mepnes and Arterpes that are infolded and amplected therein, and doe ramufpe throughe all hys lubstaunce, geupnge to the brapne bothe nutriment, fpirite and lyfe . And thys pannicle boeth bewape all the whole libstaunce of the brame. Ind in some place of the brane & Tlepnes and Arteryes goe forth of hym, entryinge into & denifrom of the brayine, and there diprickpinge of the brayinge fubffaime into them, and craupinge and renuirpnae of the Bearte to theym the fritte of lyfe. and breath, and of the Louer nutriment. And the as forelapde spirite of breathe taketh here a ferder digestion, and comforteth the bertue animall, whyche ts aftirmed to be done by labouration or papnefull labourpage of the bitall spirite. And furthermooze, the cause why there are mo pannicles over the brane then one, is for thes taute, that there beynge but one pannicle onelye, epthermuste haue bene a softe or a harde pannicle, or a meane betwene bothe. And it coulde not have bene harde because of hurtynge the brayne with hys hardenes. And pf it had bene lofte it Moutbehaue hurte it felfe of the harde bones. And tf it had bene but in a meane betwyrt harde a foft, then neyther the brayne coulde have fuffred his toughnes. neither pet coulde it have defended the bone frome buffinge the brayne. Thys mave we wonder and bes holde with great admiration the meruelous workes of God in Pature. for as in thys, to in all other mem bres of the bodye is nothynge frustrate, but euerye thynge so necessarye that there can be none amende: met or betterping of them. Ind thus are otwo pannicles there appointed, the one toughe and barbe to be a meane between harde and lotte , the other thome and lofte to be a meane betwene toughe and fulible or quaupe . And bothe thele parmicles are sparmas tike and colde and bute of complexion.

Called Control to Aller

Here folo with now of the brayne. Ca.xxxi.

De Brayne in the lyghte of man is of a wonderfull and marueylous fubstaunce to be consposed, and it is also bery straunge, to beholde howe thys fofte or thynne pannicle deui-beth the substaunce of thebrame, and

bplappeth & partes therof in imal celles as you ihal bere after be aduertifed, as thus. The fubitamce of the brane is deupded into thre portions or partes, called Clentricles, and the former parte therof is the most. The seconde or myddlemoze is the lest. And the thride or hyndermolte is the meanelt. And frome eche of them one to another are yssues of passages called Meatus of wayes throughe whome the spirite of lyfe paffeth to and fro. But pe thall here bnderftande, that every Hentricle is devided agayne into two partes, and in enery part & bninerlal creator hath orga-nyled or infuled leueral bertues, as thus. In & fyrit or formofte Mentricle he hath founded or placed the common wattes or lenses, otherwyle called the foue wettes, as hearynge, feeynge, finellyge, felynge and talling. And ther is also in one part of this Mentris cle, the bertue of ferchynge called Phantasma or fanta= fpe. And thys bertue taketh all the fourmes or ordy= naunces, disposed of the frue writes, after the remotion or meanynge of fentible thynges. Ind in the other parte of the lapoe Mentricle is ordepned and founded the bectue ymaginatque, whiche recepueth of the common wyttes, the fourme of shape of sensitive thynges, as they were receaved of the common wettes withoutfurth, representinge the verye same thynges, hapes or ordinaunces buto the bertue mes moratpue. In the mybble Cell or Mentricle, there is founded and constituted, the bertue cogntative of estimative, for it ponderith and weigheth, reherlich declarith and beineth those thonges that are thether brought and offered butoit from the bertues afore rehectio. And in the third bentricle ordepned at the hondermost parte of thead is placed the bertue me= morative. Ind in this are registred, referred a kept, al fuch thinges as are done of expelled by the wittes and lenles before reherlid, there be as treasure preferued, bato the putting furth of the fine fenfes or co mune wittes and other organes and untrumentes of the foules operations . Ind out of the extreme par= tes here of springeth the Marey of the backe, whiche runneth downe frome thence into the spondyls of tournpinge topites of the Chynne, as it that be moore at large dyscussed in the tables of explication of figures here after folowing. furthermore it is to be noted that from the formost figure or bentricle of the brapne, fprpngen leuen papre of fentitiue or feling fy= nowes, called in Latyne Nerui, whiche are from thence produced and conneyed forth to the Eyes, the Cares, the Conque, and the Stomacke, and in lyke maner to botterfe and fondipe partes of the bodpe, as in the beclaration or tables of the fynomes it Malimoore clerelpe appeare . Itis allo to be confibered, that as bout the myoole Mentricle is the place of Fermiformis 01 wormpe thape, with the kyrnellye fleathe that suppliethithe caute of pace there. And also the wonderful Caule named Rete mirabile, is also placed there binders

neath the parmicles bounde or rather tangled and wollen together, onelye with the Arteries alcending thither from the Bearte, in the whyche the lyuelye oz bitall spirite by hys greate laboure and worche is tourned and made anymall. Ind pe thall further bn= berstande of these two are the best kept partes of al the body. for it is death buto a man to suffre any maner of hurt or greffe in these partes fro withoutfurth, for that cause hathe God motte proutdentive placed them there farre frome the Beart. And hercin I note greately the lapinge of holpe Abbas, where as he spea keth of thefe fmall Arteries, of whome be affirmeth to be made a maruelous nette or caule, in the whiche the branne is mofte necessarelye infolded and bewrap ped. And in thys place also is reposed the spirite of felynge, who hathe frome thys place hys firfte creation, pallynge allo frome hence to the other membres. De Chall furthermoze buderstande, that the brapne is a membre colde and morfte of complexion with meane biscolitie or Aymnelle. It is also a principall membre, and a membre officiall and sparmatiche. And & cause whereoose we call the brayne a principal membre, is, because it is the governoure and treasure house of the frue writes . And we call it an officiall membre, because it hathe the effecte of felynge and Strategie. Indit is colde and moulte, bycause thorough suche temperature of humidite, a coldenesse is boeth mitigate and allwage the excellive heate and drought that ascendeth by thyther from the Bearte. It is also of wette substaunce, to be the moore apte and able to receaue indifferently e euerge impression and trauayle, afwel brought buto him from without. as within it selfe begotten and encreased. The bragne alfo is neathe or fofte, that it maye the better gene place and favoure to the bertue of flyiringe. It is biscous for thys purpose, that the synomes from thence produced myghte be meanelye toughe, fironge and able to supplye they office, and that they shoulde have none impediment in worchynge by meanes of ouermuche biscolyte or dipe hardenelle. And on thes poencte Galen moueth an argumente. demaundinge whether that felynge and mouping be

broughte to the finames by one or by diverse: or whether the aforefayde thynges be broughte substaunci= allye or radycallye. And the sappe excellente and fa= mous Philicion Balen wytteth in bys fyifte booke of Interpals, that thes matter is of fuche dificulte and hardenelle to be comprehended, that he thynketh it better to omitte it, and to palle it ouer without anye further inquilition, then to make therof demonstraci= on bicerraphe . Ind Artitotle in treatinge of the brane, fapeth that the brane is a membre contap= nynge all mouynge, athat it also enritched all the o= ther membres of the body in genying to the the fenfe, of felpinge and mouning. Jos of the biapne have and impedimente or hynderaumce then are all the other membres of the bodge empouerphed and dyf= fourmpfhed of they frength and bertue . But the brappe bernge face and founde, all the refte of the mebes are in likewife fronge and able to execute they rownes. Moreover, the brayne bath a certaine propertye in folowings the course of the Moone, forth the warpings or growings of the Moone, the brains flowerh always by wards, and encrealeth in mighter

But in the wane of the Moone, the brayne belcenbeth or Maynheth bot net arbe, cuent flynge aas it were waltunge for the time , bothe in lubitaunce and ber= tue, and withdratunge bym felfe together, nepther is tt at luche trine muche obeebtent to the fpirite of fe= lynge . And thes thynge is memfellige proued by fuche perfous as are Lunatike of madde, and allom menthat are Epilemphe of troubled with the fallying wekeneffe. for they are euer niofte agreued when the Boone is life of myght, as in the tythe begyn= nynge and in the latter quarter. Wherfoze Ariftotle gathereth, and layeth, that when it happeneth the brane to be either to dipe of to mopfi, it may not then worcke hps kende. For the bodge is thereby made colde and feble. And the g spirite of lyfe beginneth to melte, and to refolue, and to euanythe, and then folo= weth imbelillitie of weakenelle of the wyttes with becape of all other membres of the bodye, and con= fequentipe Deathe. But pf pe require a more experte knowledge herein, as concerning the fourme, hape, Substaunce and greatnes of the branne, the partes, the construction or placynge of the brayne the belfels therof, the regions, nettes, boughtes , painicles and leperations , with bungringe fouth of fpnowes and they begrnnynges, pe may alway have recourte to the frafte and feconde fraures of Acrues of fpiowes, a to the capitall frgures in f latter ende of the fpgures here in thys boke,

The Anatomye of the face, and fyrste of the fore heade. Capitu xxxy.

Ad the foreheade conterneth no ma-ner of thringe withinfurth, faue onlye the says withoute, and the muscleous sleashe that leeth binder it. For the parmicle binder the sleashe perterneth to that parte which we called Periods nium, and the bone is of the crownall bone, althoughe it be there made brode loke as it were a bomble bone. And they bone fally outh or fetteth furth the foreheade, frome the one eare to the other, and frome the earcs forwarde buto the browes, a gthe browes are thus fette and reared by frome the eyes hanginge fom what over them, this was done to cover and de= fende the epes frome novaunce withoutfurth as Ga= len moste wyttelpe declareth in hys booke of the ble of partes. And the blowes are oldepned wyth heere bpoutheym to putte of the Iweate & fuche lyke nop= fome humoures descendyinge frome the heade, lette they shoulde fal into the eyes. The browes also gene apde and affifiaunce to the epeliddes, fourmying alfo and fettpinge forth the belitye and compnelle of the face, for luche as have no heeres on their browes are nothynge semelye to beholde for the better they are in proportion, the more sightfull. But if they be greate out of measure, Artitotle subgeth suche as fo hauk them, to be enuyous . Moreover, hyghe browes and thycke with beeres betoken hardenes. Ind contrary wife, browes with lytle heere on them betoken cowat beneffe. But fuch as are meanly heered, fignifie genelenes of heart. And here we ought to take hede that be make no incision about these partes but alongest

the body. for & mulclous lyen here alonge fro the one eare to the other, where pfange incilion chaunce to be made alongest the mulcle, the bacte myghte then by suche occasion hange our theepe. And thys bathe bene often tymes feene:pea, and in fuche maner, that it haite bene bucurable. This browe or fwelling out about the eyes, is called in Latine Supercilium, & f fivel= ling beneth gepes is called in Greke Mila, a in Latyn Pome, whiche enders at the earcs, at the angle of the note, and thefetwo entigion the eye on bothe lydes as gaynfie the hurtefull occasions withoutfurth, and that the eye beginge werpe or heavye myghte conue= mentlye repole and refte buder theym, as buder fure coverpage bato them. we finde also that the beeres on the browes profpt not a lytle to glyght, for biber theis addreffed the Ippal of fourmes a fimilitudes of bilible thenges buto the apple of the ere.

Herefoloweth of the Eares. Capi.xxxiy.

A Greke the Eares are called or and in Latyne Aures. Ind they are placed at the extreme parties of the Temples. The bitter or nutwarde part of the Eare is called Auricula, the oppermost parte Pima and the lower

Fibra:the Care is a membre fentible a lyghe of feling. and in fubfraunce griftly, able to be folden bythout, it is allo the organ or inftrument of hearpinge. Ind it is fapor to be of colde and daye complexion in refpect of the other membres. And the cause why it was reared by about the boole or entraunce into the beape, is thus, that the foundes of boyces whiche are berge fugitive houlde there falten and tarpe in his than dowe or boughtes tell they myghte be apprehended and taken in by the inftrumentes of hearyinge , Inother is cau'e, that it thuibe befende phoole from thinges fallynge into it, whiche myght lette the hearing, and for these cause are made the wirickles and folbynges in the fame. Dooreouer, the Authours call the hoole in the eare the blyndehoole, bycaule of bys tournonge with croked pallages, whiche prohibite and lette the paffynge throughe of a bapfile or any os ther instrument. As Galen teacheth in the nonth and eleveit booke of the pie of partes. Ind also the ner= ties of fynomics, whiche are the organs of hearynge fpayingen frome the banque, where as the feuen payze of fynowes come from, and where as they come to the hoole of the Care, they are muthed much loke a bine prefle, and they are made at the endes muche lyke the heade of a worme, or lyke teates, in the whyche the founde is recepted to and carped the common wittes. There commen also to the Care certaine sphowes. frome the Marcy in the Aecke, that is towete, two from the hynder parte, and two frome the lpdes, run= nyinge into the lapine of the Cares. The Cares baue alforertapne fofte fynowes fpapagen frome the fyfth confugation of the brayne, as it appeareth in the elestentiand fortenth of the ble of partes.

Here foloweth of the Eyes. Cap xxxiiy.

Ad the Eyes are called in Greke Ophialmy, and in Latyrie Ocali. And according to the mynde of the Philosophers, they are tudged nexts to the souls. For in the Eye is the token of the souls. For by the Eye is discreed

and bitered the diffurbaunce and buquietneffe of the foule, and also the gladnesse, with the love, wrathe, forowe and tope, and fuch other passions of the foule. The Epes are the inftrumentes of lyghte, and they are copounded of tenne thynges, that to is fay: of feuen tunicles or cotes, and of thre humours, Df the whiche Balen speaketh in the fellenth boke de Isamitis and in the feconde Chapter, fayinge: That the braine and the heade were principallye made for the Ches, that they beynge the gyde and leader of man myghte be fette in the hyghest place of all the fabricke or frame of mans bodye, there to be as a bewer and elpper of all thyriges. Is a watchman that frandeth in the hyghest tower of active or other strongeholde. But as touchynge this matter diverse men there be of fundape opinions, concerninge the numbres of these tunicles especially. For some acompte and reken them to be thre, and some contende that they are Type. And Lodoicus Vaffeus appoynteth theto be in nuble but fpue, allegeth Galen for hys authoutie. But & not withstanding we finde in truth. b. which are thus named of the common forte of authours, & is to fage: Sclerotica , Secundina, Retina, Vuea , Cornea , Aranea & Coniunctiua, and althoughe the Authours somwhat differen the numbre hereof, pet in their explications they agree and come all to one purpole. There are also in the epe threhumoures, as the glasse humour, the waterpshe humour called Albugineus, bycause it is lyke the whyte of an egge, and the cristallyne humoure. And howe or after what maner thefe funicles and humours do en= gendre and growe to their fubstaunce, it shall here be declared. Fraft, ve thall biderstande, that there springen out of the brawnye lubstauce of the formost bentricle, two spnowes, the one from the rught spde, and the other frome the lefte lode, and thefe are called the fyelte payze of lynowes, because they are thefirste payze of al the feuen pappeare to the workers in \$ 31natompe. And Gallen declareth in the fourth booke De Morbo & accidentibus, and in the fyrite Chapter, that thefe fonowes are holowelyke to a reede, and that for two principall causes. The fracte is, that the visible spirite myghte palle frelpe to the even. The seconde is, that the fourmes and lykenesse of visible thynges mpght redelye through them be presented to the common wpites. And marke well here the procedying and goping furth of thele lynowes. for whethey goen out from the lubitaunce of the brapne, they come through thorne concryinge whiche is called Tia mater, of whole Substauce they obtene a panicle of a cote, & the cause why that they allume that pannicle, is to kepe and be= fende them from nopaunce, and before they entre into the faull, they mete and topne them felues into one fonow, the length of halfe an puche. And then they depart agayne into twapne, and ech of them goeth furth by him felfe, through the brapne paune into the eyen. And these synomes are called of the Philitions Nervi opticj. And we fynde thie causes why these synowes are topned in one before they entre into the eyes. The

firthe caule is , that pf there happen ange biffeale of hurte to the due that pertife other Could decease the befille thinks read that reads to both be pes, The lesconde is it that all thought whiche we lee with our Epes, thoulde appeare fimply one, for pf thele Rernes were not topned together, euerge one thonge Choulde have femed to be to have bene two thonges, lyke as it booth to wormes and to derrayne other beaftes i The thirde is, that in futhe maner, the one myghte staye and helpe the other . And accors dynge to this Lanfranchus fapeth: that thefe two fpnowes communge together towarde the Epes, recepue buto them a tunicle or conerpnge both of Piama ter and of Anroweres whiche is to lave: Bothe of the thynne pannicle and of the harde. And when thep en= tre into the orbyt or compalle of the Gren , they er= tremittes are then dylated and spiedde abrode, whi the extremities are of the nature and substaunce of the thomne pannicle, the harde pannicle, and the opticke spnowes. And thus is there engendeed in the Epes thre cotes or tunicles. The fyrite is of the fub-Staunce of Piamater, 7 is called Secundina, The lecond is of & fubitauce of & hard panicle called, Scleratica . The thyrde is engendeed of the opticke synowes, whyche is Retina. And eche of thefe is moore subtyller then or ther, and they enclose the humoures aboute, and are nexte buto the humours without anyething betwene them and the humours. And ye Chall further bider flande, that eche of these the tunicles be deupded in tino, and so are made the fyre tunicles. For thre of thefe cotes are of thre partes of the brayne, and thre of the outwarde partes without. And after thefe fice to the feuenth made of Pereranium, whych conereth the bones of the heade. Ind thus britelye to rehearle the, of the hard parmicle called Dure mater cometh Scleratica. and Cornea, of the thome pannicle commeth Secunding and Vues. Of the opticke spnowes commeth Resins and Aranea and of Pericranium (payage th Coninctina. Rowe to speake of the thre humours, that is to laye : of the glaffye humour, the waterple humour, and the cristallyn humour, which are placed in the mydle of the Eyen. You shall binderstande, that the glassye hu moure is in coloure berve cleare lyke buto the fubstaunce of fused glasse when it is molten, and it is contenued worthin the retyne cyrcle, beynge also in the inwarde fode nette unto the brayne. And it is berpe fubtyll or thymne because the cristalluse humoure might palle through it as water palleth throughe a fpounge, there by to be purified and clenfed. And that the vilible spirite myghte also the lyghtelper passe through it from the braphe. And this glaffpe humour goethaboute the criftalline humoure, butyl the mete with the waterpshe humoure, whiche is called of some men Albugivens, and the fame is fette in the bttermofte parte of the Eye. And in the myddelt of the bitriall humoure, and the waterpfhe humoure, is ferte the eviltalline humoure. In whome is principally fixed the lyghte of the Epe. And these humours be separated and to enwrapped with the pannicles or cotes at fore lapoe that betweete everye humoure a pannicle! furthermore, where as the whyte in the Ope topretty with the blacke, the fenenciccles eleane together althoughe differenge fomwharm coloure and byg neffe the one from the other . And thes place of cois

topppingerhele circles, is called of glearned Philicis ons in Greke Iricand in Latpre Corne. I amitte bera to speake of dregious a partes lying roud about the Eye, and scrupnge to the same and the, but muscles which are appoputed by the skyll of Mature, to turne the Epe energe wayo; and allo of the cyclodes with the booles in the eye kyanels, and the fatte with diverte other belpes therto belonging, bycaufe they halbe let furth more at large in pfigures here after folowing, But pf any belpze further knowledge here in, let hom repapate to the discription of Galen in hos boke of the ble of partes.

Nose. Capitu xxxv.

Etwene the epes lyeth the Aole, whi= the the Grekes call Rin, and is not onelpe the inftrument of fmellpage, but a great ornament also to the face. And it is firste to be noted, that there come two spnowes from the brapne to

the hooles of the brayne panne, wher the cautte of the Role firfte begynneth, and they are not properly ly= nowes, but rather organs and infrumentes of finel= lyng. And they have heades lyke gnipples of teates of a woman's dugges. In thele is received & obour or fauour of thenges, representinge the same to the common wettes. And ouer thefe two is fet of placed Colatorium whiche we call the begynninge of the no= ftryls. Ind it is fet betwyrt the even bnder the bpper parte of the Pole. Inditis to be noted that thes concaute of dyche of gutter was ofdepried for two caules, the firste is, that the agre that bringeth forth the spirite of finellyinge myght rette therin tyll it mape be

taken of caught of the inner organs of linellynge. The feconde is, that the superfluttes of the brame myghte be hydden bnder it, bnigll it myght conuenis entipe be clenfed awaye and boyded. And fromthys dyche or gutter there goe two hooles throughe into the mouth, and of these hooles ariseth thre commodities or profites. The first is, that whan a man doeth sate, fleape or refre, his mouth beynge closed, the ayre myghte throughe the larde hooles be drawen into the Lounges and Lyghtes, otherwise the Mouthe Moulde euer be open . Another is, that they helpe the pronunciation or founde of the boyce, for thefe booles beynge stopped, men are sayde to speake in the Aose, which you may proue by stopping your note to your hand. The thy de comoditie is, & the aforeland dyche or gutter, mape by a through the lapde two booles be Coured a clenfed, as when a ma fnuffeth hps Aole ot diaweth the mucke of his Role unwarde into his mouth . The Pole is a membre confimiler, that is to laye, all of one mettle or lublaunce, and it is officiall affo, and it standeth oute a pretpe wave withoute the tace, and is somewhat pliable to be bowed anyewaye that a man will, whiche Auture hathe so fourmed, to the ende that it maye the better be clensed. And it is to be knowen, that it is made of skynne and lacerte= ous fleathe, and of two bones Randynge in maner of a triangle subole extremities be toyned together with guiffels, a one other that deutbeth the nostryls sthinfurth, and holdeth the Aole by frome lyinge

flat. Alfothere be at a beautes of gutters, becaule pe the one were Ropped, per Moulde the other ferue. Mooreover, there are in the Aole two mulcies, to belpe the Role in boinge his office and duetpe. Ind after the inpude of Galen, the Aofe is the principall fetter furth of the face, as touchyng the fauoure, there of for he layeth, that where the nole lacketh, there the face is muche diffigured. And that the Role moft becommeth the face whiche is duelye proporcioned according to the refte of the face, and that which is nepther to longe not to shorte, nepther to brobe not to high. and ariftotle fageth, that pf the noffrill be to therme or to top de with muche drawinge in of agre, it betokeneth great Areytnes of heart and indignation of thought. Ind tt is to be noted, a that accordinge to the myndes of diverse authours, that by the shape of the membres of the bodge, mape be unoged the affect tions and wyll of the foule,

and thes aftermeth the Philosopher in the bes gynniuge of Philosophie. Mooreouer, there commeth furth of the formoste Centricle of the brayne into the nostryls aforesayde, throughe the hooles which are como both to the eyes a tog note, a meately bygge Conome, whiche commeth from the thoude contugation of the brayne, and fpredeth into the tunicle. whiche buder to neth the nofteple, a from thence allo it goeth forth into & rouffe of the mouthe. Ind thes cote that thus underiogneth the nostrois together, continueth with the large pannicle that covereth the tongue, the mouthe and the wynde pype with his couer, pea, the goulet and all the inner fode of the Weits tricle or mate, as pe thall fynde in the nynth and the

eleventh boke of the ble of partes.

Of the Temples. Capitu. xxxvj.

he Cemples are membres of the heade, and they are not made of their out great (kyl, for by meanes of their hooles withinfurth, they take the hu mour that commeth from the brane and bryngen the eyen a flepe. Ind

also of the sayde hooles or dentes of the Temples be preffed and wrouge than by trappying of the humour that there continueth, the teares are made to fal from the eyes. Also the Hearte sendeth of hys bytall spi= rite in arteries through the temples into the brayne, and by & Temples allo & beynes cary the nutrimen= tall bloude into the heade, and here are also bepries pullatque which in thes place mape leghtle be burt.

Of the Chekes. Capitu xxxvy

Ad the Chekes are the spoelinge partes of the face, and they contepne in theym manye scallye muscles, in theym manye peatings mulcles, begins a arteryes. Half Abbas aftirmeth that there are twelve mulcles whythe move the neather chawe of the move to close, and they Table fome of them to open & fome to clofe, and fbet the thatwes together. And they procede thyther buder the bones fo the Temples, and for that cause are cal led the Temple muscles, whyche chalbe expressed at large in the tables of muscles amonge the frgures

folominge in the prefent worche. Chefe mufcles are epghte noble and fentitive, that is rosaye, lyghte and quycke of selyinge, and to burte they mentueth uniche perpli. There are also other muscles which serve to grynde and theire the meate. And from the brayne commen fondre fpnowes to energe of these muscles endupage they misself lense of felpage and mouninge. Coshele multies connen allo bytterle arcomers of the eyes, aboute the temples and the lyps pen Anothe Philosopher attributeth to the shekes the fappenelle and beintye in man or bounait and the edplerionits alloknopaby beheken, fantfischeken befult neurdpeg medied mith temperate whitened: the complexion is languine: Autobre towarde citrine or pelowicalous and postuerpe facte, he tokneth a Co-loweke completion . And of the chekes be whyteen rolour elutiout medialig of redues, and infubitation fatte jandmeliche Alegebetoken Euperflutte of color, of mopflure, and of the grad. And of they be bente well colour citrine or redde, thinne and leane in fubftauch it Tignifieth greate! Depenge with muche colerpche heate. But phthey be as it were ble wife in coloure, and of ly le fleath and substante, it from freth much solbe and diperty by meanes of melancolpe. Ind as Mutten fageth, the chekes doe not onelye shewe the demensions , but also the qualitie of affection and the naturall inclination in any bodye, For ap meanes of the affection of the hearte, they ofrentymes chattinge colour, as for tope or bread they become subscripate or red. Doseoverthe hones of the fate are optierled for only chekes there we know of the note within furth they at the note within furth the, of the boper manbible cloor furthetmore; thefeichte withmituch of the note neraften the force bilpoled. The fulle deupdeth the notruls within, and is unber the note; the other riso are in eche noftrpil one, and thep feme to be roled lyke buto a wafer . And they aneanthem as it were a canale or a bitche or a quitturbp the whiche, the agre pallette in and oute, and is drainen to the longest did by the same canale of gutteris purged also the superfluities of the brayne into the mouthewardes, as is a forementioned. And pe hall bubretande that it Guide maketh miencion of unite bones in the face, and to confirme bys fammer be allegeth Balen But wercan noofynde fo pennthe befection or cuttynge of the face by #= natonipe biles he accomprett the neather chawe the nunta tichnehe pehe in boc, then are there tenne for the nedithermanbible bathe two jout in the wo well not greathe contende, but leguest to the lubgemente of other minters, and the villy one observacion of louthe bracthierare afformadel annol aco athermofte never to the fungers.

an a state of the Month. Capaxxx pigned and compare the state of the s

chewed. The feconde to, that they shoulde be deligent helpers to pronunce the wordes of a bodge in speaking. The teathe are members consimilar a official albeing harvest of at other bones, a they are fastened in the cheke bones, and were ordanned for the caustes. Fysse that they shoulde chewe and grynde the meate that it mights be easyer receased and the some reconcacted and digested. The seconde, that they shoulde helpe to the speache, for yf the teathe be lackly surge ourse wooddes maye not playnely e nor well be passinged ourse wooddes maye not playnely e nor well be passinged. The thyrde is, that they shoulde serve to beatles as, we apous to befende theym. The number of the teathe is buser tayine, for they are in many view is and thyrtye, in some mor, and in some fewer, but in most men they are two and thyrtye, that is to wete. Systeme about and systeme beneath.

rible, but to the neather ende of the Balate, larlining erely. xixix if Albert of the Hore of the dissertion is of the larger of the light description is of the

membre, compounde a made of manpe necues or from the dispense and ligamentes with arteries and bepres. Indetending the tongue was principally order ned for thre caules. The first is, that

whan a man eateth, the tongue helpeth to tourne and to breake the meate abroade, tyl it be wel a thorughly the web. The leconde is that by the tongue is difference the tafte of chypiqes, as whether they be sweet of some by the tongue is difference, by the confidence of state of chypiqes, as whether they be sweet of some by the confidence of state of st the faine binto & como wettes. The there is, & by it is pronounced the speche, for without the tongue coulde be no distinction of wordes not of boytes percepted. Additionally the steady to the steady to the motion and tournings of the tongue energy to the motion and tournings of the tongue energy. wape. And aboute the rote of it are fixed dyuerle glandyls or kyrnels whiche Chall be at targe expres-ted in the fygures folowinge. In amonge these glandyls are as it were two welles, whiche are ener full of spettyll og moysture, wherwith the tongue is alwaye tempered and mopflered that it mape not ware dipe by meanes of the trauaple and taboure, or by meanes of excelline heate arrivinge from the partes withinfurth, as from the Lyner or the Stomacke. The Pauls is a membre made of ipongeous fleathe, and it hangeth down from the Palate or rouffe of the mouthe duer the goulet of the throte. And it is thought to be colde a drie of copletion. In Wier men have the rewme, it happeneth often tyme that much mortues falleth bowne fro the head the tinito, and fo caufeth it to relave and hange bowne into the throce in furthe wife that it letteth the fualoing bowne of the meate a putteth me in great feare and parell. This kinds is broade at the opper ende, and finall at the neather ende, and it was orderned for fundage causes. One is, that it helpeth muche to the founde of the bopce, for where the Pulla lacketh, there is founde great defaulte in foundping of the wordes. Another is that it myghte helpe to the boyognge of the Stomake by bomites, another also is, that by the Faulats prepared, qualified and abated the bil-temperaunce of the agre that thereby palleth into the

Lounges and the Legites. Another cause is, that by their gupled and led the superflutties of the draphe commungs their from the columns of the draphe for otherwise, those superflutties mught fall down colonize into the mouth or throte, whereupon mught ensure manyer opspleasures and occasions of perplications.

ed on due conserver english of the unit of the english of the Ofshie Palateor rouffe of themouthe Capaciton of the conserver of the conserver

180 the Palate of the mouthe con-tepneth a carnole of deathpe pantis-cle with certaphe bonds there unberg and there bones have the beautidas the one veunpon goeth alonge che rouffe of the mouth frome the benps fron of the note, and the openpage of the boper atans dible, buto the neather ende of the Palate, lackynge onelye halfe an puche. Ind there woenybeth op breaketh ouerthwart. And the fyrit deuplion is of the mandible. And pleconde is of the bone called milatione Bolillare, whiche bone fulleyneth and byndeth together all the other bones of the heave. And thys themne of the couffe of the mouth is of the faire panmicle Dibe inner part of the flomacke is. and it reacheth forth in length buto glame through the necke of glomacke called Topkey, whole inner lide is also of thus paunicle. Ind to approve thus to be true, we funde that whan a man is touched win the mouth a nove iteraleth in the Stonache, pea, and the ueres peached but the contact and the unit of the stonache abborreth it, in so much that of the typics by such touchprige the Stomacke calteth by by bomite luch thringes as are within it. Allothe hypermolie ende of the welaunt endeth in the mouthe. And with it is continued of led aloge p may of papie, whole books of mouthe is coueted with a flappe much lyke to a tongue and thes lappe or flappe is griftelye to the ende, that the meate and daynche maye the ealelyer glybe ouer it into the necke of & Stomacke, Ind this grefile is called of four emen Triglordis of Operation languaries for what a man freaketh, it is revied by and courreth the waye of the meate. And whan a man (walo= weth hys meate, than it concrett the wape of apie. And thus whyle the one is covered the o her is alway biscouered, but pf the wave of apre be open when the meate is in receptinge, as we fee whan men do bothe eate and talke, than it often tymes channeth that a croume to fall into it, by meanes inhereof men cau not leave coughing tel fuch tyme as it becatte fouth agapue. Ind thus I leave to treate anye further of the feconde or upper bentipele and the partes there of, both you thail fonde they entire and full beclaracions in the bokes of fpgures bere after enfupnge,

Here foloweth of the partescalled Artus, whyche are the Armes and Edundes, wyth the Legges and Ferte. Capit. xb.

the Arineuts called in Greke Surbin, and is using party beat thouse the Androvaniouthe function and the Angeles of the thouse subtree in the thouse survey to the cubic and the thouse are thouse survey to the cubic and a survey

(0.5) that aboute the Mouluckase two benes pathares ed were, the Apoulocubons and the caupil bone land uses to the hands the about our or indipingle bene; which comments from the spacetion blade of the Apoulor via the elboloritopicter. And these qualled in the of the tholoritopicter. And these qualled in the of the thome excepts were him to be the parter of a transfer of the thome bone, at whether ends it is brober and adminime, and endeth in greates. And happer parter become rounded in whose combenes is a concentration this messas it have a cupper of before the board where the affice is and these two businesses it have the transfer of the control of the state of the control o getherwith two fronge lygamentes, whereby is abto fathened the canell bones " Chefe canell bones goe alonge buber the formoftee part of the necke from the one thousant to the other, and according to foine men they are bother but one bone, and distribe gented of the breffe both not bepare the fund Afford in the breffe both and bepare the fund Afford in the breffe both and bepare the fundament of the breffe both and between the breffe breffe both and between the breffe breffe both and between the breffe both and between the breffe breffe both and between the breffe breffe both and between the breffe breffe both and between the breffe breff breffe breff breffe breffe breffe breffe breffe breffe breffe breffe breffe are in the acme between the Chould committee flus endesitheripe bones The fyille is the helpenge bone whole buper entereth and the bore at cup pe be felowe. The bones is holow and fish of marey and its also lombhat crooked other it myglift the better with grope through a sould be to be better the bette andopioumuge of the biabones of fine between thes bone hathe two knobbes frandpinge oute in his areather entremite or enderthat is to tay, at the tornte of elbow wherof the surremote tyling then other Alto it is madely kechnica pudley; fuche as they diate by water withall and when thinges. Mourous niters two bones entre with theprilities in the mount cautte or bought proportioned and imbe for them in the endes of the two focultanes, otherwise called the cubyte bones , whereof the uppermote goeth fimile the elbothe to the chamba by the oppermatte parteres the cubite. Int the neathermoore bepage the greatet of the thained gorth from the cibeles tolorious their tle funger a And thefe two bones are bounde to the helpingehone authori opperhiolie and jugth frong ligamentes, and but othe bones of the bande thep are inbrimple faitrire with lyganientes i And the bones of the hande accountize to be engher, of the solprhe eyghte bones, the foure oppermotte are someone the eyghte bones, the foure oppermolte are imported the four neathermolte nexte to the fungers. Ind in the third wards of bones, before hands before we in the paulme of the hands. Ind to these are iopned the bones of the hands. Ind to these are iopned the bones of the frameworks with the bones. In the bones, and in the thomber of the bones of the bones are there in the spaces with the bones. In the bones are there in the spaces will enough of the bones of the

molder the bones, whiche accompted al together as mounte to the lumme of thestre bones in eather hand and arme. Rowe lette be take in hande the fettynge forth of the sphowes, cordes, lygamentes and brato-ties 200 been pelhall biderlande that there commend from the marey of the backe throughe the sponotts by tumpings topites of the necke foure psyncipall nerues or lynowes, that is to wete, one to the byper parte of the arme, another to the neather parte of the arme. And one to the inner spoe of the arme, and ano ther to the breet fore of the arme. And thefe neries or fpnowes bypnge from the brayne and the marey of the backe to the armes bothe felpinge and mounge. And thele foure lynowes commen firste to the togute bethe Choulder, where they towgue with the lygamen= ces there gene buto them both felyings and moning. And in their committon or rangiving together, they are conflictated and made cordes . And thre causes we finde, with these synowes were syste concording or mixed with the lygamentes. The syste cause is, so, that the excellence gifte of felynge in the synowes nipotre foone bemade werpe by they's continual moupinge and laboute, Unleffe thep'hiere upholoen by the lapde lygamentes, which are inlentible and bopoe of felyinge. The feconde is; that the limatrelle or Aenbrenesse of the fynowes, inposte be made the fuller throughe the greatnesse of the lygamentes. The thetoe is, that the feblenelle of the lynowes mighte therwiel be frengthened; whiche otherwole Chontoe by reason of they weakenes & lynnnernelle be musficiente to brecute their offices, were it not for the helpe that they have of the Avength of pligamentes.

Here followeth of the Cordes, Ligamens tes, Mufcles and Sinowes. Capitu xly.

alt nowe to declare what a Corde, a Lygamente, a Hulcle a a Synow is, we will not here much embuspe ourse selves; but ye shall in such case repaye to they, proper discriptions here after folowings an the extensions here after followings an the extensions here after followings and the extensions here as the extensions here. plication of pantes. But to knowe & ble of the par ees of the arme, pe thall binderstande that throughe the commannoement of the wol or foule the members ave only mouch, as the armets drawen to the honper parter of the bodger by the commaundements of topll or power of the foule appetitive procedynacto the Muscles there and thereby the hynder of beter Muscle is accordinglye drawen together, and the timen Pulcle eilarged Alekewele when it is drawen in warde, the niner Aguille Draweth together and the beter Spufate enlargethand freechethat felfe. And soban the arme is firetched forth in length, then are the cordes enlengthmed. But as thefenerues and its gamentes palle propote of g foulder, a the layer of the elbow, they mindle them felues a toyne with firms pie fleathe grand thus are made the bravens of the armes called of forme men larger coust of musicous fleather And their brainings are beingo diano many and fundage Muscles, and that to dyuetse and suns depeties as methe figures of mulcles you had played in exercises who chose are founde the causes why

the fimple dealle is medical with the others. The fpille is that will might quietle diale and extende throughe the temperature of the fleathe, the fleathe energe bifere beweapppinge the fapoe cordes in place accordinge. The feronde is marche folte and mobile temperature of the fields implific abate and quali-fiethe protighte and hardeness of the cordes, topoche they myghte els attaphe by greate mouynge and ftir= tynge. The thyrde is that the fourme and hape of the bration medies might be the more comly a faprer to beholde, fith Mature boeth nothenge create, but that the thonge created mape bothe have tome beeto ferue buto and also spape and facture conveniente. And to make deffunction of energe prinate part, concernyinge his ble that it sevueth for, Aature hath ener the thenge putuative bewiapped in his properand fetierall pannicle. For otherwise one parte coulde nothonge doe without diffurbaunce of the partes nexts tohym adiophpage. Also in the brawnes of the armes are Muscles of sundape spapes. And for that caufe they have obtened diffincte names, as a Dul= cle taketh hys denomination of the funditude of a moule. A latert taketh his denomination of a lylard, by caute they are lombout like in thape. Also as these intilities come nyghto a topate, they ende in tendens, and those tendons move the topate. For pe have bes twene euerge tognture luche brawnes and tendons. Ind decorprige to Guido there are of Apulles in the arme thyrtene, as foure aboute the helpynge bone, which mote the opper parte of the arms, as ther foure in the cubyre, and type that feruetothe bande as to move the fyngers. But according to Galcii and other mytters, there are a greaternum-bie of therm. And that thall be well differne in the figures of Multies of tables in the layer books for lowering. Apoteoner, Galen wittethui the leconde booke of the ble of partes, and in the fylle of Inctipinge to the hande, as none on the out spe of the cubyte, and feuen on the inner fpde, foure in the arme, feuen on the extremitte of the hande, and fyre amongelt the bones of the wrefte. on I als to in

Here foloweth of the Veynes of the Armes. Capitu. xliy.

. Atoladt of sadoo Pisterhere procede into the Arme two greate bepues. The fysite and the greater comment frome the holome tarpne runninge fouth by the Arme boole, and therefore it is called the season and there it goes to the season and the season and

bottone by the inner lybe of the cubpte, and is there called Solke and Fredit, in Engly her the Lyuet bepne . The other bepne commeth also frome the greate holowed beine of the bodge takinge his bes granninge at the opperparte of the Brefte, and so als cendeth biseothe tappers the Moulder; and frome thence goeth balone withe outlide of the Brine. And for that chule iting patter smarries were in Engly De the Moulder beame, icis also called of late impress Ceptalics of the verne of the beade. And thus verne is beupbed und the bandshes, to be ecot the one insets

B.b.

#### Of the partes of Mannes bodge.

bebe into the fleather The other goeth forthe to the boughinge of the fpngers . The thype boeth here and there calle abzoade bys braunches on the former parte of the cubite. Furthermore, the other bepre cal-ted Refilica, is also beup bed into two braunches, where of the frafte adiopneth to one of & braunches of the beabe bepne, then to called Medians in Englythe the mpbble bepne, and of fome men the blacke bepne, 31= lo pother brauch of phead bepne called Bafilies, goeth Downe towarde the lytle fynger, where it is called in the lefte bande splmetics of the splene bepne, and in the trothe hande Saluatella, There commethallo frome the bapne Cephalica, a braunche whyche Aretcheth to the backe of the hande, and afterwarde gorth bestwene the thombe and the foreignger, where it is called Copbalica ocularis. Frome thefe aforefayo braunches are renged manye finall braunches and fpicles . 35 in the fraures of bepnes it that more playnely be per cepued. Thus we here leave to procede ange ferbet in beclarpnge the bepnes of the armes, bycaufe they Malbe moste manifestipe declared and proporcioned oute in the feconde fraure of bepnes. It is also experimented and founde by the workes in Anatompe, that all the bepnes in thele partes are accompanged with arterpes, and where as the bepne is great, there to the arterpe allo greate. And where as the bepnes Doe spreade abrode into al the partes of the bodge to nourplbe and feede the faine : There boe the arterpes also (creappinge bider the lapde beyines)bringe ipfe buto everye parte and membre of the bodye, and it is to be binderstanded, that the arterpes are couched Deper into the fleathe then the bepnes are. Ind that was fo bone, bycaule they carpe the nobler treas fure, that is to lape the treasure of lyfe , and for thes respecte alto, that they mape be the further frome all baungers, thep are clothed with two cotes, where the bennes are clothed but in one cole onelpe . The progreftion and order of the arterpes is fette forthe at targe in they proper froures, and for that caule, we furceafe bere to fpeake anpe further of thepm.

of the Legges. Capitu.xliin.

he Legges take them beginning at the topites of the hyppe, and stretcheth downe to the toes. The bones of the tegges are occlared in the three suggestates of bones. And there also so loweth them discription. And for that cause I leave here to speake anye more of the. These

caule I leave here to speake anye more of the. These bones are enclothed or encyched with dividers and sundriverse and sundriverse and sundriverse and sundriverse and sundriverse and sundriverse and supplied les, cordes and symmetes, The summe and the sield are manifest a nede no discripció. The begins a arteries of è legges are after this maner. First, there descenden fro the bolome begins and the greate artery in to both è thighes, two greate diamenches, where of the une goeth into the righter they are commen into the thigher either of them beinde they are commen into the thigher either of them beinde they are commen into the thigher either of them beinde they are commen into the thigher either of them beinde they are commen into the thigher either of them beinde they are commen into the thigher either of them beinde they are commen into the thigher either of them beinde they are commen into the thigher either braunches, whereof the greater descendent bother on the sommer parts of the thigher, but of the

knee, wher wis benibed into the partes, pother goth bolone on the lpde of the thpghe buto the fppnne, where he calteth fouth dyuetle braunches and lyacles wher of the chiefe braunche toy gneth with one of the beaunches of the tripertition of the other bepne afore: reberled, and aftermarbe they deup de and contopgne agapur to a marueplous order, as you that playnely percepuem plecenbe figure of bemes. Moreouer,it is to be noted, that there are foure places of bloube lettynge, in thefe braunches after they are commen to the neather parte of the legge. The frate is biber the Ancie on the inner fpde, at the bepnecalled Sapbena, The fecode buder the btter Ancle, called Schionica. The thysdem the hamme, called Poplitics. The fourth bes twene the lytle toe and the ryng toe called Renalis. Ind thys luffpleth concerninge the beines of the legges. The Soynomes of the legges take thep begrinning frome the Marey of the backe, at the lopnes, and at the holy bone, and thes we fende in Galen in the thir= tenth end lystenth booke of the ble of partes. And be= forethele lynames are commen through the boole in the hyppe bone mto the thrahe, they calle forth fource armes of braunches, whereof the fyrite communge backwarde from the former mulcles, fpredethabrobe into the Thyrne there nexte butoit . The feconde falleth inwarde by the Chate, and is carped fouth bythe narowe or freeght muscle. The there procedeth by the Charpe popule of the holy bone, and is not muche fene. The tourth is least of al percepued. Thele four are berre fmall, and not fo muche perceyned as is the great fpnow troncke, that goeth alonge al the legge, for that is berpe greate, and is bety bed into manye braunches at the knee, whyche braunches enfolde the caulfe of the legge and the flynne, and frome thence goe into the fote, as ye mape percepue in the fratty= gure of fpnowes. The mulcles of the thighe are none in numbre, as Galen wepteth in the thyabe booke of the ble of partes, and of those none, the thre former mufcles ferue to the thauftping forthe of the knee and the shrine, and the thre hyndermore ferue to the bowonge of the knee and the Aprine, two of the laterall and oblique mufcles moue the Cybes of the legge and the Chonne . The nonth of thelemulcles taketh the Appune bywarde, and docth greatire fashion and fet fouth the thyghe. In the caulte of the legge are also dyuerle muscles, as appeareth in the fpgutes of mus cles folowinge, out of whome fpapagen the tendons of the frete. There are also opnere muscles in the feete, with the tendens mounge the toes a But of thele I leave bere to make anpe further processe, lith as wel the Mapes and lublauce, as alfo the produce tions and offices, bothe of mufcles, fpnoties, bennes and arterpes thall be motte playnize and biffrictelpe fette fouth to the epe , in thefpgures and tables of multies folowenge. Othereto poù mape reforte for further knowledge in this behalfe.

and thus haupinge touched as muche as femeth necessary fouthe declaration of energy parts of the bodye; and of energy member together, buth all thems gesthern belonginge, and also the superstutes that grobe and essentially for the form of declaration of the same, we remixte you to the spruces of energy of the same, we remixte you to the spruces of energy of the same, in case supe man be designed to have surface surface.

leba

led ge and manifestation thereof to the epe, as it were in a playne Anatompe and fection of the bodye, and of energementeperticularipe.

The firste parte of this treaty se conteyninge a briefe interpretacion of the particuler par. tes of the matter or substance of the bodye, and fuste of the bones. Capen,

De almuche as in thes booke of Anatompe is mencion made success where of the symple of ple of bones, gryffels, funowes, painicles, ligamentes, roides,

sepnes arteries faurnelle fleatheand fapone, with the partes excrementall, as beere, naples, and fuebe other lyke, we bane thoughte expediente formulat here afore to declare their fubltaunce, office, commo= Ditte and ble. Ind firfte, we thall fpeake of the bones, because they are the sustentacles a bearers bp of al p refe. The bone is a mebre confimilar, simple asper-maticke, color and dree of complexion, insentible and infectible, that is to lave, figse and brapt to be borned. And thath apperle fournes in maines bodge, for de neclitic of offices in belopinge. The cause why there ace to many bouch in naming bodge, is, that one mem he awake censore including apprier, and that also fone houldedescape the principal members, as the brade a the Brefe, 3 that land hulde suffering as a fure foundation to the refte, lyke as the bones of the redge, and foundfulfelt and frengthen the hologophaces, as the house mathe house and the feete, and the bones of a manage accounted to be municipal this builded and fences.

Of the Constelling Capital one 7 10 9

and (permatick e, being neitle to the bone in hardenelle, and in enougher on it is color a directores be.

If is also intendible the Gryfiell in a mounter of the hardenelle is, that the continual inothers of the harde bone in the fornettice ingulate not be harde botte in the fornettice ingulate not be harde botte in the fornettice ingulate not be harde butte to the harde botte in the fornettice ingulate not be hardenelled in the fornettice ingulate not be hardenelled. thunge of the harde bone in the townstite inglite not be hone without butte to the bones, vales the gratest mere a means between the hones, vales the gratest mere a means between the hones the trune of convillon bones. The lesquise the hones of finnings the hones the local persones from the harde extrementes of the hones. The thurse is, that the endes of the bones a the countes which are graffeline mustice the top most each and mundened be folged and frest a transpose each on with the local a professional harde. The lowest is a graffe the means places, to letter a graffe as in the chiote bonds, for there it boeth bodge the leads alouse, that the winds should not be letter and also despetantially are necessary in the eye and eye lyddes. The lytte is, that in the note and and eye lyddes. The lytte is, that in the note and eaces they doe bothe Aufteyne and brawe abroode, of ther wyle they coulde not doe they office.

Mo & Ligamer is a mebre collimitat?

Of Lygamentes. Capitu. ig.

fimple a spermaticke, beingenerte in thar denes to p griffel, it is also cold of denes to griffel, it is also cold of denes to griffer. The ble, a bimoeth of dones to griffer. The cattle why it is flexible amfentible is here to be thewed, for yf it had not bene flexible in bo-wing, one lym Moulde not have bene moned without the other hande bene moued allowithing. And offt had bene interiote, it moghte neuer hane tutter the laboure and papie in the tournynges and mouyinges of the topates, and there are the traffecommodities that they ferue to . The feconde is, that they profite intelle irradiopriprige thepril to fpriowes, to make conbes and beamies. The thorde is that they are reis that by theym dynerle membres withinforth are fuffepned and upholden, as the Matrix, the kyddepes and others nior.

teresien pagint 207 Synowes. Capita mis

De sprowe is also a membre similar superior de la superior de la complexión de la colle and néalbe.

Ind of complexión de sobre and sensible and superior de la colle and sensible and sensible and sensible de superior de la collection de la coll

grunpinge frome the Bjapne, and the Marey of the backe, for there commeth frome the Brayne the letten paper of leulatine Spirolves, and from the Marey of the Backe thritye paper of Spirolves motine. And one that lyringeth by hom leste from the laste sponds of tournings sounce. And all these Spirolves have hothe felying and mouning althoughe in some more and some left entire

of the Cordes in the bodye. Capitu. v.

dirthermoze, the Corde or Tendon is a nigmbre fundarand official, compounde and spermaticke. And it is betye stronge and tough, by meanes it is made of ligameters a tough sino wes. It is also a meane between hard and sorte, beying sommhat sensible and secretic and in squipplerion colde a dive, And we synde three causes with productions this made of lygament and synder. The syntectic is that the synder beyong also selected. The fruit caule is, that the fynowe beyng al lenlible, fufficthmocalone to luftre the greate laboure and travalle, which thould come to him bulette be were coupled a allocated with the firength of the intention ble lpgament, for that, letteth his greate felpinge, and bringeth hym to the temperature of fufferpinge. the Somotoc for hys parte grueth to the Coude my tipuge, accordings to the will and appetite of the foule. Doceover, these Cordes grove outs of the first three Hustes and that for greate skylle, in that be 13.bi.

20f Fleashe. Capitu viý.

this musculous fleashe is clothed or enfolded with a think musculous fleashe is clothed or enfolded with a think of particle, as to move alone without disturbaunce of the parties nette hym. Ind this musculous fleashe bath within it manye small threbes, wherein is will, and of these small threbes is the spino we made and tendon. Ind here is to be noted, that this will bathe three properties. The spit is length, by whom the bertue that casteth oute hathe myghte. The thirde is overthwarmelle, in whome the bertue that holdeth hath myghte. Ind at the endes of the brakme or muscle these be gathered together to make another muscle.

30f Arteryes. Capitu.vj.

he Arterpe is a membre consimilar, simple and spermatoke. Bepage also holowe and sprowpe, having the begrange at the heart, and these arterpe bypageth from the hearte the bloude and spirite of lyse. It is also

colde and dipe of complexion. And every arterpe bath two cotes, the arterpe whiche goeth to the lounges on-lye reepte, for that hath but one tote, which he fpreabeth abroade in the lounges and lyghtes, bryngpinge. to thein bloude and spirite of lyfe to nourplhe theym with. And this artery bringeth agre to gheart to temper hys heate withall . And he is called Arteria senalis 02 the benall arterpe, bycaufe it hathe but one cote, as a bepne bath but one. And the cause why he hathe but one cote is, that he shoulde the more easelye be dilated throughe the whole bodye of the lounges and lyabtes, and also that the nourpspenge bloube might the fooner fweate through one pannicle theretwo . But the cause why the other arterpes have two cotes is to Defende the Spirite of lyfe from harme outwarde, and to kepe and holde the layde spirite within, that he go not forth before hes teme, for the furbelt and moofle remote partes mighte not have it ministred to theem in they neve, whereof myght folowe mostification of the membres, with dynerie other inconveniences, as Chalbe here after Declared.

20f Veynes. Capitu.vy.

Phe to the Arterpe is the Uleyne, a springle medie, a of copletio cold, die and springle like to gartery. And it bath hys beginning from the Upauer, as the Arterpe bathe from the Upauer as the Arterpe bathe from the Upauer as the Arterpe bathe from the Upauer and it be membres of the body. And it is here to be biderstanded, that there is no more difference between the beyne and the artery, but that one is the bessel of bloude spiritual and distall, and the other of bloude nutrimentall. And of these beynes there be two whiche are most principal, as Vena porta et Vena chilis, called of some men the bolowe beyne, of whome shalle sufficient declaration in the seconde spaure of beynes,

Ab the fleathe is a membre confimis lar and fymple, and is engendred of bloude, and contepled by naturall heate, the complexion thereof is hote and morfie. But of fleathe there are noted to be thee kyndes. That is to laye: The Reathe whyche is neatte and pure. The fleathe whythe is brawne or mutculous. And that whyche is crumpled into aymelles and anottes. Alto the commodities of the deathe ave fome what perferent. for some partes thereof are commune to all kyndes of Acashe, and some of it is appropriat to one maner of fleathe oneige. The ble and profetes of the fleathe are manye, for some of it befendeth the bodye frome diffemperaunce of appears the clothes bo. And fome of it befendeth the body from & bulling of hard thynges. Ind some other ferueth to kepe mople and temperate the bodge in tyme of heate and of laboure. Mozeover, the pure and frelle fleathe, whiche is first into fuche fubflaunce converted booth fulfpli and ep tende all the bopde places of the bodge, caufpage als to good fourme and thape in the fame, and of thes fleathe is to be founde betwene the tethe, and in the glandle of the parbe. The profete of the beatenpeand musculous fleathe is beclared in the Anatomy of the armes. But & profete of the glandulous on kymellye fleathe, is to tourne the bloude whiche it receaueth into the coloure of it felfe. Is the ficallie of womans pappes tourneth the bloube into milke. But as the glandulosytic of the testitles converteth the bloube into sperme or seede of nature. Lykewyle boeth the kymels buder the chame tournethe bloube into fppt= tle, to moult the tonge of the mouth, as we have before reherled in the Declaration of the partes within the mouthe. De that well have fuether knowledge herein let hom reade Balen in the boke of the ble of partes,

2 Of Fatte in mans bodye. Capitu. ize.

I fatnes we finde the lipudes. The

the is conlimitar, but not species, which the is consimitar, but not species of a student species is made of a student species to gether by coldenesse. Indicates in the blombe being congeled together by coldenesse. Indicates in complexion colde and more insensible and intermediate amongs the parties of the steastle. The second amongs the parties of the steastle. The second amongs the parties of the steastle. The second amongs the state of the second amongs the second amongs the second species from the steastle. It is also muche like to a fact option the steastle. It is also muche like to a fact option proper power of species out amongs the springe dipende and themse supplies out of the second species, that they beings dipende out of the same species out of the same species out of the same since is the blombe, and species so the top the supplementation of the su

complexions, as it appeareth in the lextenth of the

## Of the partes of Mannes bodye.

ble of partes, and in the fyshe booke of temperamentes or complexions written by Galen. The thyrde kynde is called Auxungia, whyche of the kynd as Pingues do is, saupuge onelye that it is departed from the fleashe withoutfurth. Ind it doeth mousten the drye partes by meanes of hys buctuositie, as doeth Adeps.

of the Skynne. Capitu.x.

L so the skynne is a consimilar of official membre, partely espermatyke, stronge and toughe, flevible and sensible, then and temperate. And there are two kindes of skynnes. The first is the skynne that bewrappeth all

the whole bodge withinfurth, whyche is spoken of in the fuste lefe of the bokc. The fecond is, the thenne conering or panniele, whiche en wrappeth the inwarde membres of the bodge. As pe Chall here after fynde in the fraures folowinge. But the faime withoutfurth is a membre whiche by the greate fkyll and proup= Dence of Mature is contepned and fourmed of diverle and fundape partes, as of fibres of thredes, of nerues ez (pnowes, of beynes and arteryes, and fuche other And this was bone for dyuerle caules, the one is, that there by itmight be temperate and perticipating of es very qualite, where by it myghte feele and lenlyblyc Deme of tubge euerpe ercelle of aime qualitie, as ouer muche heate, or coloenede, and myghte therof aduers tyle the common wyttes, that from them tome fuccour mpatt be brought forth to the partes agrened. Another is, that by meanes of bepnes and arteries therto produced it myghe be continually moufined and nous rylbed, warmed and comforted, whereby the partes Subtacent & lyinge bider it withinfurth myght be the better preferued. Ind alfo g fuch woudes, cuttes, con: tulios, brules, bleers, a fuch other like harmes chaus cing fro withoutfurth might be the foner a the enfelier healed and closed by agapte by the helpetherof,

es tit per setsisi red dega in rece estica) is a la parente interessis.

Approximation of the contract of the contract

 ๑๐๓๓ สามารถสา สามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถสามารถส

Board for the eeath choice of the four and any bolemans.

andaldtraf findigli are antrahmini deller and an da er fra afficem eldigmouthads pro en Joseph Anna er fra afficem 640f Heere. Capitu.xj.

the membres where they growe, who che superfluities come of groffe fume or smoke, and are condensed with bif-

cous matter, of meanes where other can not so lightly boyde and passe forth by exhalation or evaporation, but stycken styll in the wayes and pores that is to sape, the lytle hooles of the skyme wher they be hardened through heate, a are made her res. The profite or commoditie of the heeres is declared here to some in the Anatomie of the heade.

Of the Nayles of Mans bodye. Capi.xy.

Ad the Paples are lykewyle engended of the superfluities of the membres whiche are caused of grosse and carthly smoke and sume resoluted out of the humeres throughe naturals beate. The Payles are neather then the the bones, and harder then the sleastle. They are

are the bones, and harder then the fleathe. They are in complexion coide a dive, a are for manye confiderations placed at the endes of the fungers and toes, where they are alwayes warynge. The Mayles are much necessary for diverse bles, as to apprehende many small thinges, which cannot be taken by with the rundenes of the singers endes. They also helpe to deuyde for lacke of other tooles. And in clawing y bo dy they may not be missed, sith the reby they open y porces and doe let forth the roughes, grosse summittely perceyued. They save the singers also and the toes from manye hurtes and harmes, whiche by strykinge or treadynge might come but o them, and might bruse them much the sozet were it not for the Mayles.

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B.btf.

# Here foloweth The table of Karacters ers

boneworche of the bodye of man.



Hefethre fygures before procedyinge have all their pecus lper and papuate partes ap= poputed and let forth (for the mofte parte with one maner of karecters. So that pf any of these letters of Karacters be peculier, or onelye belon-

genge to one of these fegures, or moe ve thall by the observacion of these thre numbres, 1, 2, 3, let in the margeut after the letters, be theruntotruelye directed. By the whiche we have thought convenient, to afcribe the finguler names of all the bones, thipke maner as the chiefe authours have here tofore recepued and bled . And what by thes genes rall name of bone a gryffle is lignified, there is no man that knowethnot. Wherefore I nederiolens ger theren to entreate. But to let fouth & names of the perticular bones begynnynge fyille at the bones of the heade, or at the benes that cover the brayne, called commonlye the feul of the heade, and of some men it is called the falet of the brapne, and the brayne pan, whiche some men affirme to be all the feate of bones of the head amplectynge and infoldpinge the branne, whiche is compacte of erghte 3.1.2.3. bones, although that some other call that the scull onelye, whiche is courred with heeres, whole cyz-cle is called the crowne, the cale, or pot of the heade, and otherwyle the fiell or dyfhe of the heade. Furthermoze the places where the bones do close toge= ther mape be called the feames, the clofriges of Mittpinges together of the fame.

A 2 3 The cromual of arctual scame other wife called the

B.2.3. Thes feame is falhioned lyke thes Greke letter A.is called Jutura lamdoides, otherwife phider feame.

C.3. Thes is called the arow feame, because it creapeth forth ftrapte alonge the heate, lyke an arrowe of a Darte, or lyke a frayte rodde of a fpytte. Alfo it is femetyme called the neruous or fprome feame, and that chiefelpe where it is committed to the crows

2.2.3. Thes topnenge of lettenge together with hes fepf they fasten together, called the scale scames, and fomtyme they are called & remperal frames, the scalelykeleame, the barky of the falle feames. The refle of the seames of the scull are belittute of proper names. And therfore to declare what they are, I oniptte, as thynges not neverall here to be re-

Thes bone with his felowe are called the bones of the crotine of the heade, and fome men call theym the bones of the fore pave of the beade, they are al-fo called the nervall, mutuall or arcuall bones, al-though fome other call the fugal or wal bones, by the whyche name mampe other call the temple bones, the bones of reason or cogitacion,

The bone of the foreheade, whiche fome men call the crownall bone of the fore parte of the beade, and of some other it is called the hameles bone, by the bone of the common fenfes.

The bone of the hynder parte of the heade, other= tople called or lande of the boxe bone, the hynder bone and the bone of memozy. Ther are also some Phis fittons that call it the kongly bone, bycaufe it confituteth a great postion of the heade. And some of ther call it the wedgelpke bone.

Thys bone with hys felowe, are called the temple bones, and fome tyme the stonny bones, and of fome men they are called the falce bones, the wall bones , the harbe and armynge bones , i noteth a

imal bone loke a flothpe, or to the moll tothe, \* the= weth the bone, whiche is compared to a mailet, or to p thighe bone. And lith thele scul bones were bu knowento the olde wayters of Anatomye, it is no meruaple that they are also cestitute of names.

1.2. In the bone of the temple is a bone lyke a final pyller, or a nedle, and is therefore called the nedle-lyke bone, the spurre of the heade, the quyll bone, the Chafte, and the Caffe bone.

The procelle or leading forth of pone of the temple lyke buto the teate or niples of a womans dug, and it is therfore called the trate bone.

Thys bone lyke a wedge is called the wedgelike bone of the route of the mouthe. And of some men the kyngely bone (althoughe they fo call it also the bone of the hynder parte of the heade). The bone is also called the staffe bone, the colatonie a firtinge bone, and of some menne the campil bone, not wythstandynge that, that name be geven to the taple bone, why the leeth in the fore nexte to the bele bone .

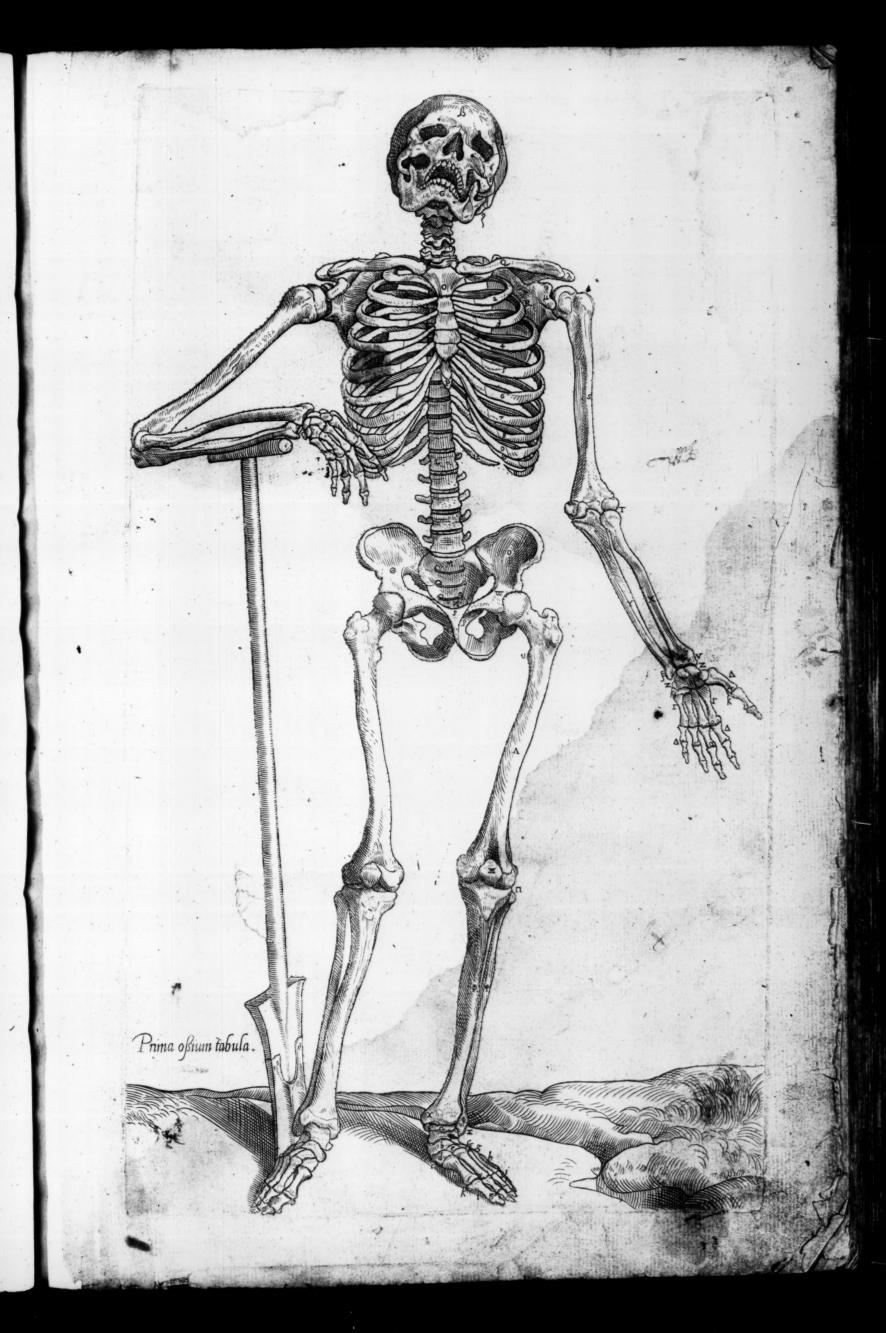
The feate of p fcull, which we call the fromp feate. The processe or gopinge forthe of the wedgelpke bone, muche lyke to the wynges of a backe that fire

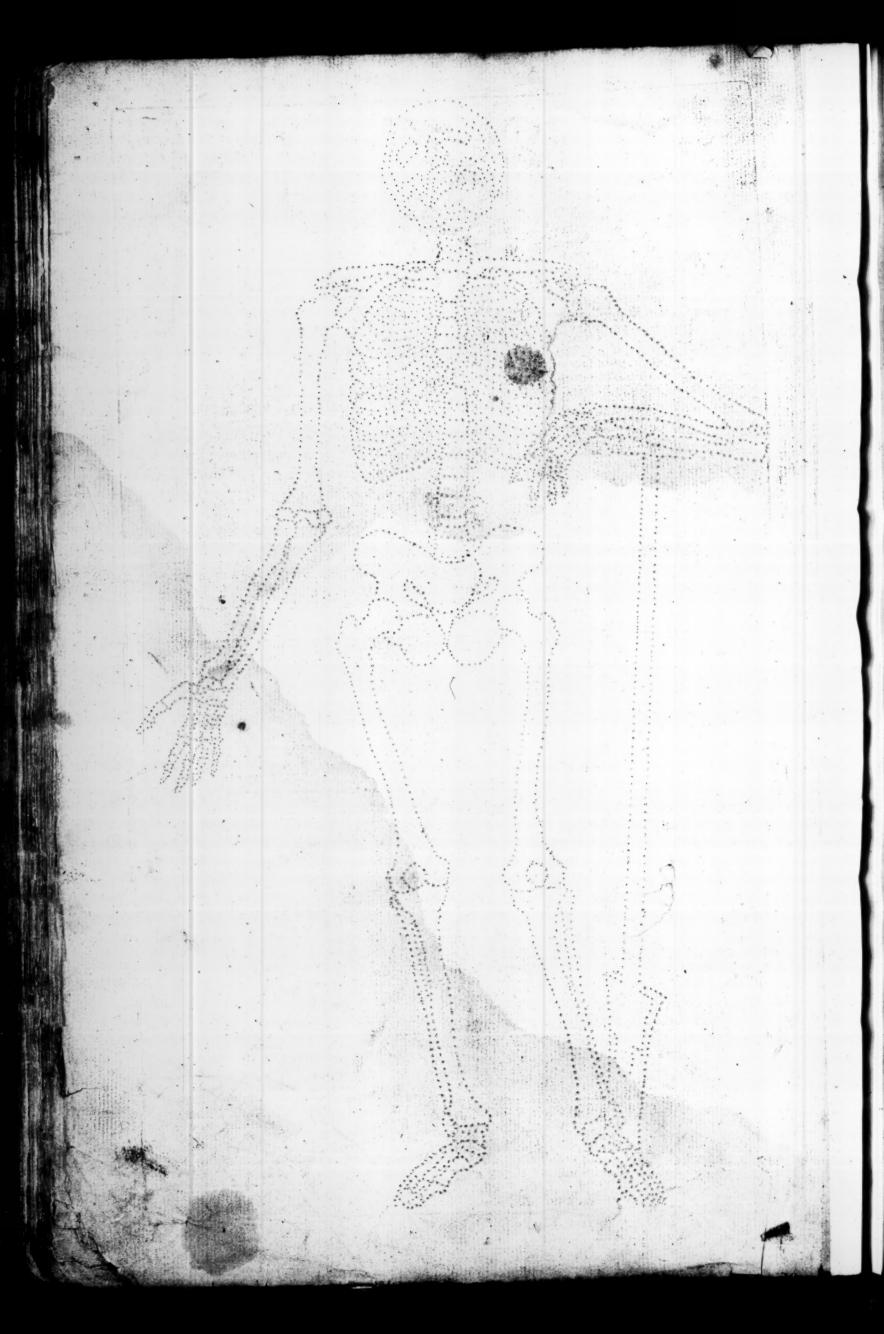
eth in the eurn tyde.

Thes feate together weth hes felowe on the or ther lobe, we call the cheake bones , the jugali bos nes, and the bones of paires (why che names are al for the mote parte afcribed to the bones of the tem ples). They are also called the handles of the teme ple bones, and the arcuall bones,

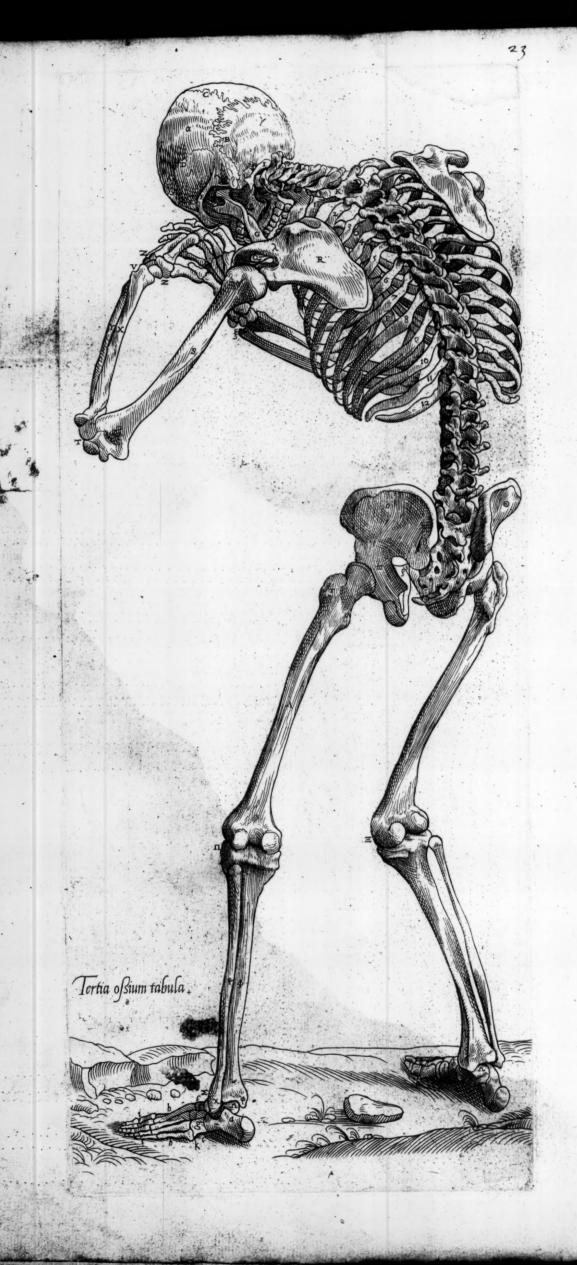
we have wyptien no maner of karacter on the twelve bones of the opper yame, lyththey lacke their proper names. Let doe manye men call the bapge of the nostryls the crefte bone, and the boper Fawe the cheatering bone, which name is also accos modatto the neather Jawe, and is marked in thefe thre frgures with thes letter-G and the interpres

tour to halp Abbas calleth it prinatty fancem. There are fattened motte commonlye in epther of the Jain bones fyrtene teathe, wher of the foure myddiemoze and former teathe are called the cuttynge or law ghenge teath, because they are thewest furth when men laugh . Let ace the two my ble moofte called









## The Table of the Baracters.

properlye the buals, whyche are in Come men much broder then in some other, and they nexte the cut ters of cuttynge teath, are called the bogge teath, of bettynge teath wherof there are two in epther Jame. The fpue other that follows on epther fpue 5.1.2.3. are called myll teath, or Jawe teath, and in manye places of Englandethey are called mangteath. Thele also Cicero nameth Genuines, by which name other men call those teathe that come forth after X,1,2.3. fuche tyme as heeres grobe forth in the arme hoo les a on the bone aboue the priupe membres, And they are also called the teath of wolloome a fences. T.1.2.3. The botte lyke thes letter vot expressing the chape of this A is called comonlye of Latene Authours os lande, it is also called the tongue bone, the throte bone, and the bone of Moams bytte . And the Insterpretour of Auicen, in the chapter of the throte calleth it Alfaic. It is a bone baupinge fourelibes, as two aboue and two beneath, but it commethnot

alwayes to be sene to the workers in Anatomy. And N with these Karacters (seame almooste in al I.K.L.M. the thre figures) is noted the backe other wyse called the backe bone, whiche hathe in Latyne manye fundipe names, as Spina, tergum, bominis carina. e.c. This backe bone is conflate and extructe of manpe tourninge topntes and bones, whiche on the backe 9.1,2.3 lyde therof, bringe forth a tharpe procedle called

the rydge, but from I buto K is thewed the necke bones, afwell before as behinde, and they are cals led in Latone Tenonet Athlas whiche names Come os ther attribute onelye to the feuen tourninge bones of the necke. Furthermore from to Lare marked the tournynge bones of the brefte, otherwise named the bones of the backe betwene the shoulders, from Lto Mare themed the tournings bones of the log-nes or repnes. Ind frome MtoN, is lette furth the holy bone, otherwise called \$ broade bone, \$ lowne bone, b buttocke bone, 4 p kape bone, 4 thep are cals led of the Latynes Osani, whiche names other als cribe all to the taple of rupe bone, by N is few cally appointed fraple bone, which is also called prupe bone. And thus endeth the discription of the bones in the backe.

0.1.2.3. The breft bone or the Thylbe of the hearte, att hath Dyuerle Latyne names, as fternum, thorax, affer co coffos A 1,2.3

P.1.2.3. The swerdpe griftle of the breste, beinge so called in that it is sourmed like a shille or like the point 7.1.2.3. of a brode arminge swearde, and it hath in Latine ditterle other names, as mala granata, enfi formis, cultra: lis er epiglottalis cartbalago, erc.

1,2,3. By thele figures buto 12 are numbred in al p three figures, alwel the twelve true rybbes of the brefte as the other falle rybbes.

Thefe are called the clauicle or canel bones, and in

Q.1.2.3. Latone ingula er furcule

The (houlder pointes, other wife called & (houlder pointes, other wife called & (houlder pointes) blades. And they are of Divers Latyne Authours called by fundry names, as bumerus, fcoptulum, opertum,

fcoptula & Spatula.et c , But A in thele thre frgures ap poputeth the hyghest parte at the toppe of the shoul Der, whiche fome Latyne Buthours call roftrum pors cinum & caput fcapul e. But the inwarden lower pros d.r.2.3 celle of the (houlder popute marked in the firste fi= the legge. But the better athamer bone marked in this fis

celle lyke thys letter c is called the eyes of the Choulder point, in whiche name allo pryoge of the thoulder blade is named.

The arme bone, the helpe of the thoulder bone, and of fome men (althoughe inproperties) sine for sine is one of the cubite bones.

T,V.1,2.3 all this feate is called the cubite, and it is foure med of two bones called sina eradius

This opper bone in grubire is called of the Latone authours radius, it is also called the leffe focult bone, or the leffe rede of the arme

The neather bone of p cubite called plas other wife the bygger forpl bone, or & bygger rebe of & arme.' The procede marked with vin the ti. frgure, the

Latyrie authours cal gubberum et additamen and it is called comonly in Englyth the elbow. But thus marked with & they cal the pillarlike bone, be= caufe it hathe the fourme of a poller.

The welle of the hande hauvinge fundine Latine names, as carpus rafcajafcam and fuche other.

2.3. The myodle of the hande, of the bones between the T.1.2. wielte and the rootes of the fyngers, called in Latyne palma, pectus manus & pecten,

The fonger bones.

Bones commetted to the ledes of the holye bone, 2.3. and althoughe bothe of them be but as one yet the professours of Anatomye fyndethem to be bifinicte. And the forthe of themis infigned with obepng called the bone of the bowels, and of fome men the haunche bone. The leconde leate berng & mpo-olemofte and marked with a is called the cuppe

bone, for bycause the cause therof, why the recepueth the rounde ende of the thighe bone is lyke to a cuppe. The Latrne names therof are coxes, coxbes dies over or pixis, althoughe the hoole bone be forme to mes miscalled by those names.

The the poe and former leate market both e is called or publis, or pectinis, or pudebudium or friegly atting a te is the bone that goeth ouerthwarte about the pruye

membres, Englothed the fhare bone,

The topnpage together of the bones about the pais upe membres. But that whiche is here specially marked is the grystle that commeth between the buttong of these bones together.

The theghe or theghe bone called in Latene by fundipe names, as femen, os coxe, coxa agis, et anche os

The outwarde partes of the thighe bone, and bes page made thus counde it letteth furthe the fathts on of the buttockes. It hathe allo byuetle names, as malum granatum tefticulorum, tharuca, et trachametra maier. But the leffe and the inner processe is marked

His also called of some Latine Philittons,

mola or polas,

11 2.1, Al this parte Comelius Cellus numeth the legge. 2.3. pet is it other wyle called for thes parte betwene It and & is called the Chyrine, where as the greate type or out war be bone therof is commonly called the Chynbone, otherwyle the greate focyll bone, the · reed, the greate canne, and the bomcfticall bone of

called legges fibula fura & focileminus a it mep be cals

led in englyshe the lesse shapene.
These are the ancies. But dyuerse Latyne austhours (geupng the monge names) cal the talos, but they map be called clanicula to canilla. De that further

mozenote & alligneth & mnerancle, ax the beter.  $\Omega_{11,2,3}$  The bone the biber ancle, called of the Latyne authours by fumbaye names, as talus, aftragalus, and of fome other (althoughenot berpe truely)it is called mallrolus. But it mape wel be that luche men be enge diffwaded by some other berng no fludientes in Anatomy which had read Spheram.i.malleolum. 28 ut Spheraplurale numbre of the neutre genore thep af firmed to (ponific talos, balifta os, co cavilla,

a.2.3 The beele called calx, calcaneus, calcis cs, et calcar pedis,

1.1.2. The botelphe bone, fo called bycaule it is muche tyke a bote or a smal shoppe.

c.1,2,3. Thes parte of the fote fourmed of foure bones, we call therfus, accordance as the Grekes doe, althoughe some call it the rafet of the foote, but the's

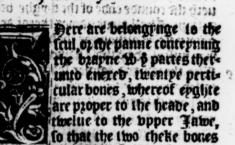
de f the niner bones marked with de fare propertye & fallet Chalcoides, But the outwarde marked woth g. is called the dre bone, or the cube bone, bycaute it is fquare on encrye lyde lyke a dre.

bb.1.2.3 Teppe, and the brefte or ball of the fore and in one

i 1.2.3. Whele are the toe beneso min to e mollinois

4.1,2.3 With the stement arenoted & smale bones called denna feate bemar & montos

A compendyous neperfall of all the bones strate for adam a strate and so strate



called of a ingalia, be herein no wole prinative num-bred, forth they are onelye the leates or partes of certagne of those twentye bones, and are therefore bere omitted without any proper circumfcription. furthermore there are foure bones peculier to the organs or infirumentes of hearpinge, as two at egther eare. There be also thritte and two teath in bothe the gummes. Ind note that the negether Jame is but one bone. And of the bone lyke to this fpaure vare aboute eleuen fmall bones . There are of the tournings toures in the necke and the backe twentpe and foure bottes, before that there are type in the botte bone. Df typbes there are training and in the brette bone are but thre severall bones, althoughe some men all teme them to be seven And that in thes our nite meration we accompte to be enelye thre we come

Obesig on boards board discost is continued to collect

the direction other while the greater leavely pare, the

design for greate cause, and the voucetail usine of

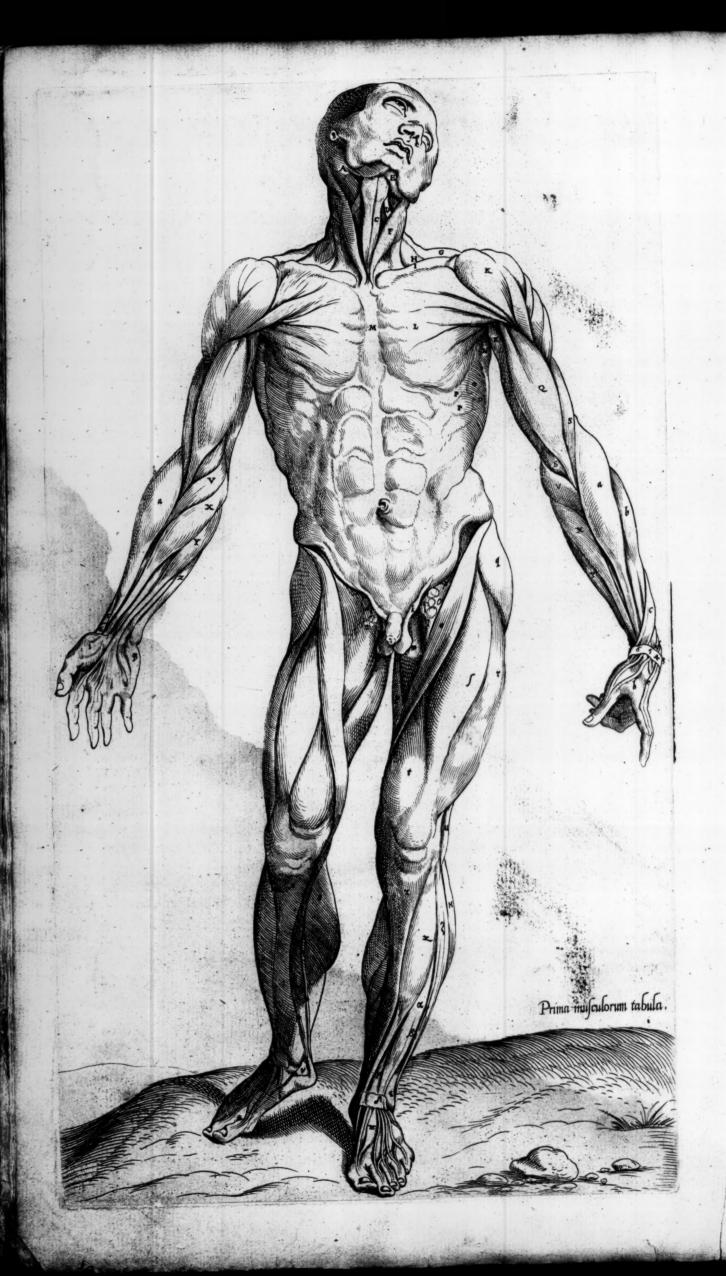
ni - alci 6, Con anoned rannka ra ind an mak

mytte the centure thereof to poure experience. There be two bones of the thoulber blades , two canpil bones, and two houlder bones . There are foure bones in both the cubices, of the whethe two are called in Latence line, the other two Lady, and they are named in the tables here after ensuringe, the upper and the neather bones. There are mithe handes adjorninge to the wipfles, fyrtene bones, as epghte in the one hande and epghte in the other, there are also in the handes nexte but othem epght other bones, called post brackishin, that is to sape in epether hande source. Indian the spingers there are threther bones. Is spitene in epther hande, and of giantly bones called some are twentye and source, as twelve in eyther hande. Of the bones abtop-nange to the lydes of the holpe bone, there are two. Two bones of bothe the thrighes, two flynne bo-nes, and two focult bones. There are also two patell bones, other wple called the knee bones. Two heele bones. Two taple bours lying binder the ans cles, two mileppe bones, otherwole called flyppe-like bones, and in Latyne nationalaria. Englis bones in the myddle of the feete, called off a sarft, whereof they are foure in epther fote. There are belove thole, ten fote bones, as in epther fote four, with epghe and twentye toe bones, that is to fay in epsher fore, tuil. Ind of the final bones called forming there are foure end twentye as in the handes also thoughe many of the be as they were but gryftels. Ind thus addynge all these numbers together, And thus addrige all these number rogether, ye shall funde the whole summe there to admount to the hunded and source. Whereunto pf pe adde source bones of the Bieste, to the thre about menceoned, and accompringe the neather Jawe to be two bones (as some mencontende) they will the apple to this hundred a.fr. But pf it be your pleasure (soft bones in children are determined with they prosper curcumscription) to number perticularly energy approach to marke to such bones and extrapolate. appendir or parte to fliche bones appertapopinge, pe the multbouble the late rebet et numbre ones, et ther agapne by the halfe, and folhal the whole num breof them be lene, whip the pe thall well perceptie pendipes, or hanginges to. The tourning topites, the bones of the thighes and thinnes and other arc endued with. And agapte of you lubduce of putte buto thele, all the bones fene in chylozen, a man woulde wonder to fee, what an beape or huge number of bones impght to be gathered together, forth enery tournyinge topinte is compacte of the or thie bones at the left, to in lest tuple are the holye bones, the taple bones, and fully other lest. Lea, and insuche sorte, that energe man by meanes of suche consulpon, mape farme (accordinge to his owne suogemente) the whole

radiand) numbre of bones to be as pira. The next of the firm the desired of the desired

Samon or Cent feoresta or francheste, Bus A hitchistory or thanks of the peopleth the book parte at the opperative houl ner, whethe forme Money Authorites collections por ange or equipment of the the mention liber time celle of the Grand see northe market market me beliefe fe Ente me'n in in confet gance, babt. in eine bie





# The fyille table of Bulcles.

Here begynneth the fyrste table of Muscles or Brawnes in a mans bodye, with the interpretacion of hys markes or figures sette to energe pare tycular portion of everye parte and membre of the bodye for the better understans dynge and perceyuynge of



Bys presente table sheweth and declareth the fore parte of a man, hys favnne bernge taken of with the fat, and p thinie felby coveringes: al= fothe fmall fpnowes, bernes, arteries as were on the out warde parte. And we have

thoughte connement to leave this table withoute ouer greate sporting of derckening, which woulde be pf it were enterlaced with manye haracters or letters, aswell bycause there appeareth here no per ticular incision, as that thes fegure is as an introduction to the figures folowinge. And in the face of thes fegure there are no mulcles to be lene, bycause they are excedyinge thynne of theym selues, and doe le ftretched abrode, and dog appeare in none other whenelle when the layane is taken of, then you fee nowe in this figure.

There be many kyunds marked buder protes of & eares lying at & honder end of h neather Jame follong there the holownelle, and they are fale in faller ned there for the billeybution of the beffels. Ind often tymes in chylozen humours fall boine buto them, moleftyng them with papue and fwellynges. and fome tymes with apostemes and scrophils, and alfo about this place is the hoole of the care, whi che is fo manifelt, that it neadeth notto be marked

B with any letter. The multe of the lefte lyde growynge from the neather Jame into the bone that is lyke buto this letter v.

I mufele fpronging from the bone of the breft and Atretheth up with his felowe into the bone lyke this

This is a berpe thynne mulcle, afcendynge frome the bopermofte rybbe of the fouldze into the bone lpke this letter v. Ind in the fourth figure of multles he is figuified with thele letters VV, and in the fifth with thele R and s, and bothe their leates are fene at this letter , he is holowe and conteyneth the him certepne of the fore payee of sphowes of the brayne, whe is also accompanied with the inner bepnes of the necke, and with the arteries of flepe.

I muscle commenge frome the brefte bone by the ende of the canyll bone, and stretchinge into the hindre fuckynge bone of the heade beynge there muche fleathpe.

I postion of the seconds muscle moupings the opper parts of the shouldse and is shapen lyke a monkes bodde, there is nothings here in this place series of these muscle, but at the opper parts of the shoulder by the campil bone, but in the nynth sigure is appeared bides these setters I D.

H frome this leate commen the outwarde beynes of the necke, and it appeareth bolome onely in lyuying creatures wout any difference, but & beyne being cut, a certapne flymy courrynges taken a way, ther appeare two mulcles, one which is marked with D, and another communge from the fuft tybbe of the brefte, and goinge by into the former parte of the ouerthwarte tournynges of the necke, and he is moore playnely fette out in the eyght table of mufcles, and is marked with this letter (.

This is the fourth parte of the carryl bone without

anpe fleathe.

A mulcle bapaging to g arme, and bath his begin = nyinge at the toppe of the founder, by thende of the canyll bone, and framgeth from the founder blade, and here is sene that part of which commeth of the toppe of the (boulder and the campil bone.

This muscle bringeth the arme to the Brefte The bone of the Breft appearing without fleath and of epther fore of this bone groweth the mulcle that bringeth the arme to the Brefte, and there it beginneth ficht to be fleache. Ind though the right mulcle touche together the lefte with a certapne thurse Expute and a maner of fynow and fine Ipzin grnge, yet that not withstandinge, the bone of the Breffe is not breetly bydde in bodyes whiles they are alphental all

N is placed binder the arme hoole, the winge part of the mulcle that draweth the arme downer warde towarde the backer and you that funde it in the next

figure folowinge arthes letter F.

Chts fitte of fingers the week certains engrafo o fringes of the mailele, which must be being implanted in the epghte opper tybbes of the Brelle Doe ferme to the breath, and in the eighte table of mul-cles they befette forth with these two letters FF. And this shape of spingers is the springing furth

of the muscle of the inner rende or rimme of the be= The crokedine octendente and is not expect with manye letters, no mose then the mulcle of the layer inner lkyme of the belye directlye descendynge, be-cause it is as pet hyde duber the synowy thunesle, a the muscle that draweth the arme to the Brest. Ind where you see combes wellinger drawen along on the out fode of & bealy, they are & frage mulcles of the inner fayanc of the bealge aforefaybe, whiche neyther the thonnes of the croked tendons, nepther the thickenes of the fayme in folkes not bety fatte, Do let them to be fene.

2. Thes is the former mustle of them that howe the

cubpte. RR is lette buber the arme hole, the wing the fleathy a parte of the forelappe mulcle of the inlyde of the heade, thruftyng furth him felte after the maner of

a mustle that should properly secue for that place.

S, 5 The hyuder muscle of those that home the cubite, which I have marked with time letters, bycause botherhe places where the letters are lette should be knowen to be al one multle.

I Amuscle sprengenge frome the cybbe baber the deather parte of the shoulder, serupage to putte furth the tubite!

The upper multie of thepin that putte the belle

The first table of Muscles .

bone of the cubyte bolonewarde, but bycaule the Chapes of handes cubptes a other thertrems pares in this present fogure be not al one, I have there fore lette ther to thes letter bothe in the lefte lpde and in the eright, with certagne other markes also that here folding, the mortagne other markes also

x I muscle before the forefpnger, implanted at the backe fobe of the welle, and bompinge the fame.

r 3 mufcle bipngpinge forth the brobe tendon into the height of the hande, and the lease whiche is firetched furth alength the cubite of eather libe of thys broade tendon, not marked with anyelet= ter, is the authour and as ye woulde lave the foun-ber of mounings the ference counte of the four fingers, whiche in the fifth fogure is the wed do whes

There is the best the muscle in the regite cubyte bynapinge has beginninge frome the swellpage on the inspec of the shoulder, whiche planted in the strayte bone of the wieste, boweth the weste.

In bothe the cubires a muscle is noted bringinge the left bone of the cubite spokenge, whiche being confirmed the bone of the Cholographanieth him felfe into the neather ends of the logge bone

of the cubyte . Antichallitant ton isch 150,300 to tendpinge hym selfe into the weste with a forked Derthe acmed

In both Benbites be Apiwed.it.mufcles fpangping from the benger bone of the cubete wherof the oue putterh forth hes remonde the bone of the interfe differential the chambe, the aspents, bearned into two tendons, indexect the one, goeth to the fulle bone of the thombe, and the other to the second

and the there goeth forthin the lette banbe, the tendon of a mulcle, tournpage thathombe towarde the tore-

There be fenein fleft hade tertape tendons frete the fort into forwinger.

3.4.5.6 Dere is marked an ouerthwarte ligament in plett hande, the wonge hom felfe at the biter feate of the cubpte, but the nobre of f fpgures fandpinge there one frome another , Doe theme buto the cutter howe many boughes and rynges maye appeare on the out fore of the hande, they be all foure belonaprige to the leffe bone of p cubite, a are fitteb to the remons, whose numbres be sene in the regions where they be sette, and there be sene spre in the tyghte cubite, thewynge all one asis beclared in the lefte.

In the left hande is the wed the leate of the mulcle, whiche bryngeth the thombe molte nyghell to the

i In the right hande is the muscle which bringeth a= wape the thombe farre fro the fore fynger, a at the lyde of hym is sene a portion of the muscle, whiche is the fyrite bower of the fyrit bone of the thombe. I muscle carringe awaye the lytle fynger from the

other fingers, and at his right type appeareth the mulcle bubbehe beinge a greate parte buber by the bybbe, boweth the first space between the toppies of the type tinger mainings it outmands.

The cote contemings the stones of festicles, and

they leve bellyls, which in mich comen forth in this place, but in women thefe beffpls with the other, membres ferupage to generation, be hybbe beape within the bodye.

At the left lyde of p flones is thys letter! thewing the kymels, which fil the holowies there in p flyare where as the greate beyne with the arterye goeth into the thigh, and when thefe kymels be cut away, there arifetha great bunche lyke as we fee mapos flemes that are fometyme in mens thares.

I mustle going fouthfrom the bone about the paisure membres into the thighe, and in the eright to

gurett is noted with thes marke E.

This wave breake forth two muscles, whereof one is the specemoner of the thighe, and in the egypte frgureir is noted with this figne, o the other is in the fewenth, thewed in thes fame frgure with this

Frome the haunche bone or buckle bone, amuscle describeth downwarde, and inplanteth bym felfe in the neather parte of the legge, and is the full mo

from the knittying together of the bone about the priupe membres, commeth a muftle; b'mele is the feconde of mouninge the legge between the kine and the fote.

Dere to fene the Acadhye lubitamice of the three mittele inneringe the moners of the legge between that it industry not the frampage of the mulcles that he buderbem, wherefore here he heveth not holin felfe altrogether no more then in the feconde table of intifcies. Ind in the thirde table and the fourth he fourth he fourth he fourthat speweth him selse in the one binder the marche, 3 and in that other binder thes

And this pielent mulche although he topneth and accompanieth bin felfe there, with the other inplan ted on the oute fpde, and is drawen furth with the late reherled theme couerpinge tenbon of the lette felfe, lykewyle as he hybeth not hym felfe, beynge in the mulculous partes, whyle the lapane is bn= cutte, and the letter , the weth purpofelpe the feueth muscle of mouning the legge betwenethe kne and the fote.

A muscle byingpinge has beginninge frome the toph at the baper knockle of the bone of the thigh, whyche is the npueth mouer of the Chymne, but he is colleted here with the couerynge tendon of the firthe muscle of those that move the Spune.

# A muscle whiche compasseth almoste al the bone of the thighe, and he is the enghte leader of the Chen. Ches place marked with the letter " belon-

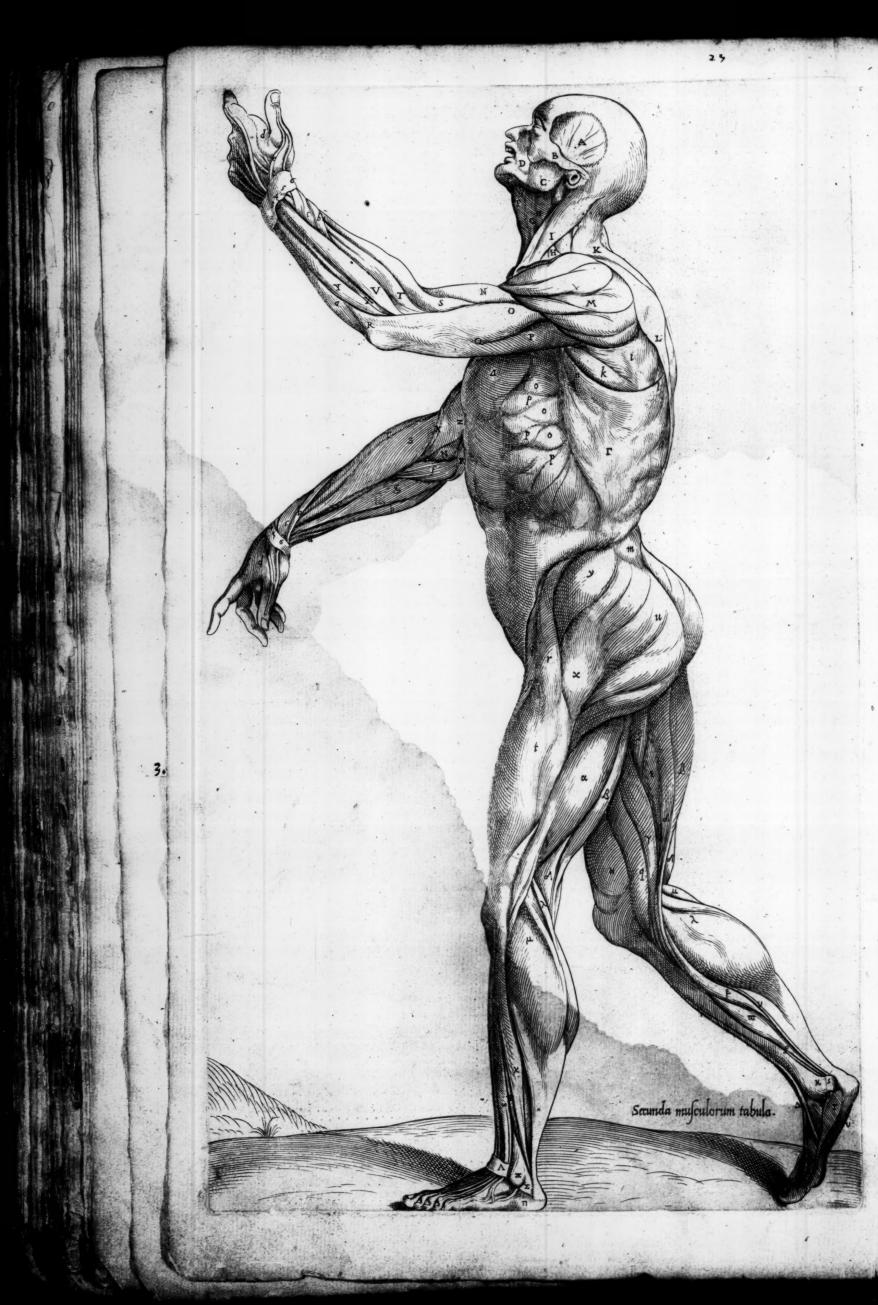
geth to the lefte knee, is parte of the fourth mulcle of mounge the thinne.

All this poscion of the Chymne bone is bothoute fleathe and not covered with any mulcle,

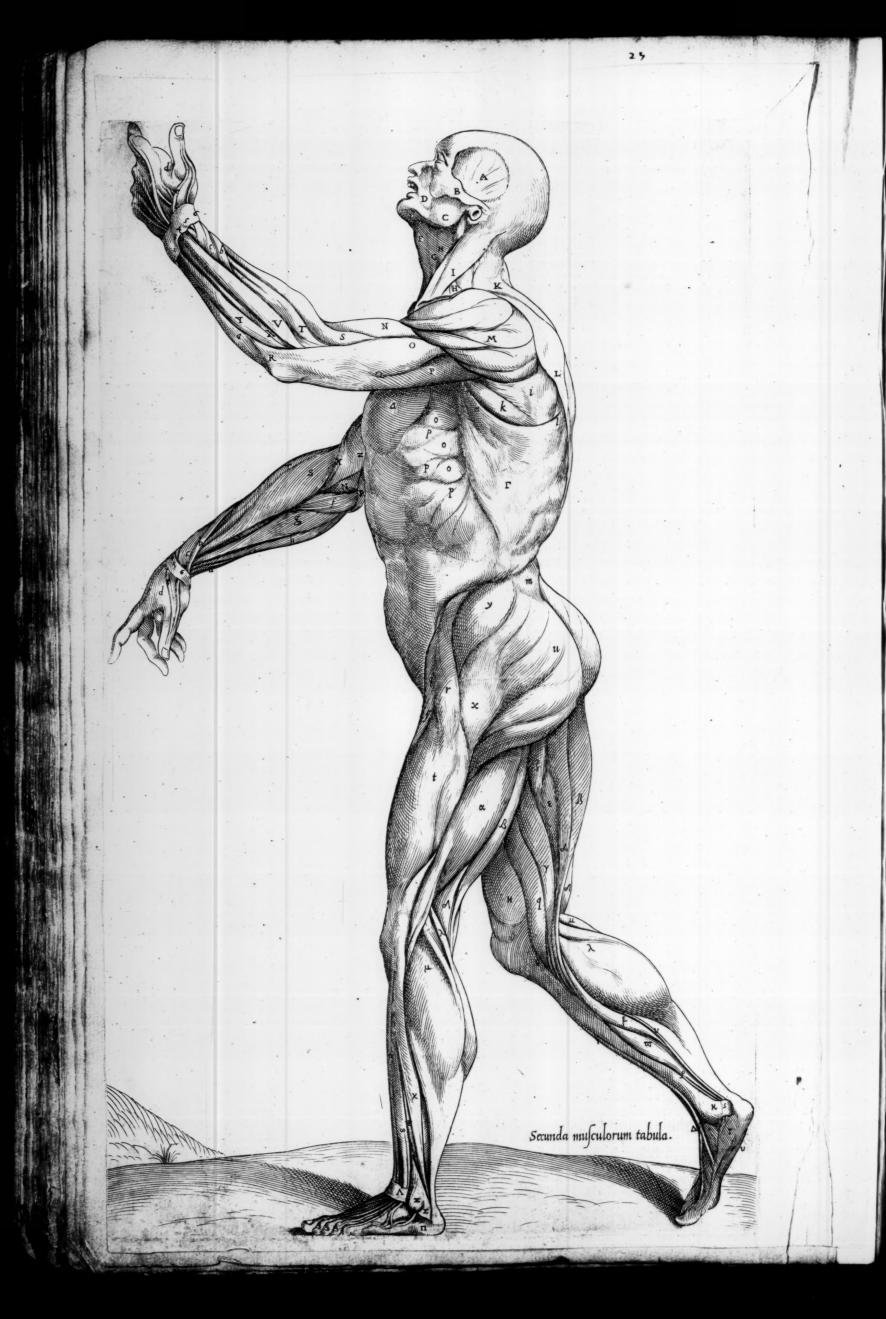
The force muscle of moung the fote, and he is put with an overthwarte lygament on the fore parte of the flyame thewed with this marke A descending and graffed in the bone & sufferent the great coe. The muste that treetheth forth the foure smale

toes marked bober the mulcle of 3 being the mol





1.2.5.4 4.and.e



## The Ceconde france of couldes.

parte of him blobe.

Parte of the mulcle that fretcheth forth the foure final toes, whiche helpeth to lyfte by the fote forwarde, and is the nouth of the moners of the fote.

The Tendon extendenge the greate toe, for the feathye parte of the multle is put deape buder os ther mustles.

In ouerthwarte ligamente placed in the foreleate of the Mynne, makinge place to the lafte foure no. ted muscles.

The ancle on the oute libe, or a parte of the bone

without fleathe.

I muscle drawen forth to the ancle, whiche turned binder the bought of the fote into the bone holbeth by the great toe and there implanting him felfe, ts nombred the leventh of mounng the fote.

I mulcle springing from the bimoste point of the theghe, and is the leconde of thole that moue the

Ches markehaue Flette with tertaphe other that followe byon the right legge, bycaule by them the mulcles mape the better be fene ther bon, and by e is noted a mulcle descending from the hyghest point of the inspect of the thygh, which is the fysite of mouring the fote.

The mote thinnell Tendon of all the bodge, come

monge from a mulcle that bryngeth has begannong from the top of the thoughe on the outside, a
is the thorde of the mouers of the fote.

The most e greatest multile, of of calle of the legge,
taking has beganning at the counting of outside,
and springeth up to the shorme, he is the strongest
of the mouers of the fote and in nombre the fourth. I muscle bowping the thyzor bone of the foure

imale toes.
Here is lene a smale pottion of the fyste mouer of the fote, but the and the mustle burlate atore reherled in f enght legge, be perceaued muche moze clearen the roght flynne as appeareth in the ta-

ble folowpug. In ouerthwarte lygament goyng from the Chrime

cathe hele.

3 mulcle mouping the great toe inwarde.

Dere in the lefte fote is marked a mulcle, imprihe beprigeth the great toe to the other toes, or a brope geth him outwarde, and here appeareth allo bider the tendons certapne mulcles freeching forth the foure finale toes, and at thes letter a certaine ten-Dons which drawe the thre midle toes outwarde,

> The interpretacion of the markes of the Seconde fygare of Muscles and annual

bys feconde table in so muche as it appetraineth to cutting by Anacomy, aunimered in every point to the fysit. And thus turned on the onesphe, he representeth to bothe beep fame muscles that the other table doeth. Yea, and in the maner as they were reherled to be in the fysit, with allothe leates of the bones soften he approximate on the outline there? bones easily to be personned on the outlible therot, being there must must easiered with selbe, and for comuche as thes table is much worthy to be los

tier on, wiene, they halbe thereoze with lyke indee kes and letters , noted and declared, as they were. And fo forth altheithe whole face an the head thereof, is almost enothing bus bones, there are but fewe caracters by letters therem all use as pe fe here.

These is the mulcle of fremple, and what focuer is about they halfe circle where the tamping fouther of the layo mulcle of the tample is distribed, it is betterly without fielde, onless funement (lohing better principally) would have the home of the forebead couldenot by his nature be all without fields, but to be compassed about with a throne mulculouse huntrees. The transfer and the surrementation fore knyttyng. The whythas wel the faynnen fibe fore peade lightfull; as the fleshpe concerning also be

haue cleane cutte awape. The ouerthwarte bone of the cheke is called in las tyrigeringale. And the hole which you fe at thend ther

of is p wave of hearing. This is called the mulcle of earling for it ferietiethethe chewing of meat. The mulcle that termeth to the mouring of the chesical and it groweth from the one chawe to the other a mulcle whythe on the left (Poe brought forth from the other and the characteristics). the neather chaine into the bone, that is lyke thys

A mustle arylyng from the bone of the breste graft with the bone that resembleth vam fegure and all of

A mulcle on glefte lyde bipugging bys begringing from the byper leate of the brefte bone, and is in planted into the lower region of the griffel the lighe a flylbe; and although he lie tonben the college market with signification by the college tonben the college market with significant fencing.

I mufcle from the opper rob of the foulbre, going by to the bone which is lake this lettre w. wh when the fatte is taken away, a the outward ingula far villigerly cutte of he is sene by the lower #, and ? from openie the H. about Debuth the funde bennels by the roote of the care, I admin and and

I mustle taking his beginning from the bone of the brefte and the canell bone, going forth and the planting him lette in the bone of the temple by the

bpper chawe. oner on Kor L The feconde musele of them whoche do mouethe Moulder, a thes K. Meweth has beper parte, which in term the Moulder bewarde, and softened has neather parte by the wheche the Mouldes is moved bownewarde, and on the english Poeof so a posetion of the mulcle of the regist space presented by miches the mulcles. Do moffe enthently appeare on bathe the libes bes

be most elibently appeare on bathe the spess and ber these fetters I and Aland man to an add and the must elipteng by the authorates muschess ferre more clearly in the fourth spanes at and in the, t, at A and I have therefore beclare himbers this operate that when you half not appear that for markes, you half not appear muscles, and in these important and the gares of more of the muscles more hampeting and to took some painters are decepted: whom I have the took of the arms to the took and the took of the arms to the took of the unbest special as it were to the outback part of the unbest sets as it were to the outback part of the unbest sets as it were to the outback part of the unbest.

Sett, Although

The lemmbe fraure of anuliles.

Although that you to bete th both the armes, many of the fernances of machine from the entering. Det I had free and access of the fernances of machine between the fernance of the fernance of the the fernance of the the fernance of the the fernance of the motion of the the fernance of t

with the locky rygues, he is the web by X aud in the

the temperature of the country of the lands of the country of the country of the land of the country of the country of the land of the lan

mentility control adaption and the market market government of the computer from the market being done by being the remaining the market being from the lame left fro

the breffe and the cancil bone goping formann with the state of the cancil duot grades it should be the cancil by the chair of the cancil and the rapid of the cancil and t

Anniftte being the einet fleetcher forth of the lofte

Sherrencher mustlestresching forth the backliphe

The neather multicatives then forth the back type of the mentice multicatives the medical advantages and advantages and advantages and advantages are medical advantages and advantages and advantages are medically medical medical and an appeal and a the medical m 1,2.3.4. 5.and.6

Mithough

to the forfynger. But now it is tyme to come tothe right armesand to behold partly the letters therin, which thou byddell le in the left and partly eather new letters, for these letters Non P.S.F. and 4.5 6. with Ass. Of the lefters have in the right have as they do in the lefter but the proper markes of the right hands are these ryght hande are thefe.

The former mulcle of mouring the cubyte. The hygher mulcle of mouring the lefte bone of the cubyte downewarde.

The hygher mulcle of botoping the intelie.

I mulcle bryngyng forth the brode temoon.

I mulcle occupying the shoulder blade, whych the nertitle arme about our warde.

I mulcle by whome the arme is brought back ward fowards the backe more by giver then the next muls cle following.

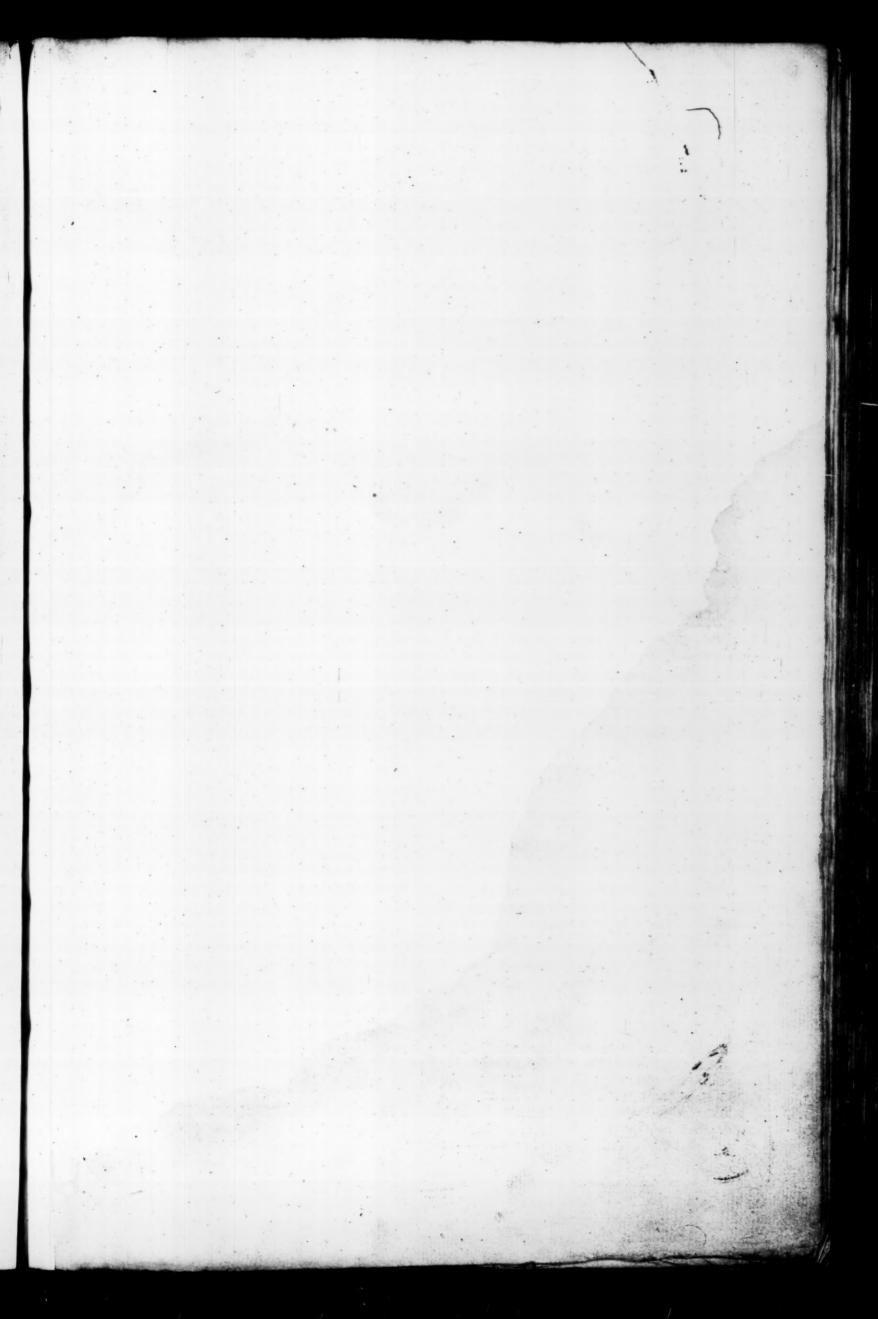
cle foldinging.
Thes prefere muscle is a lived worth of in the wenth table, and is more bucouvered in the tenth butoe . Pet bycaule hys outwarde or fecende fyde appea-reth more clearly in thes rable then in any other, we have thought it good rolet it forthe with rettayne markes here, as you fee. Indic is a mulcle by whole

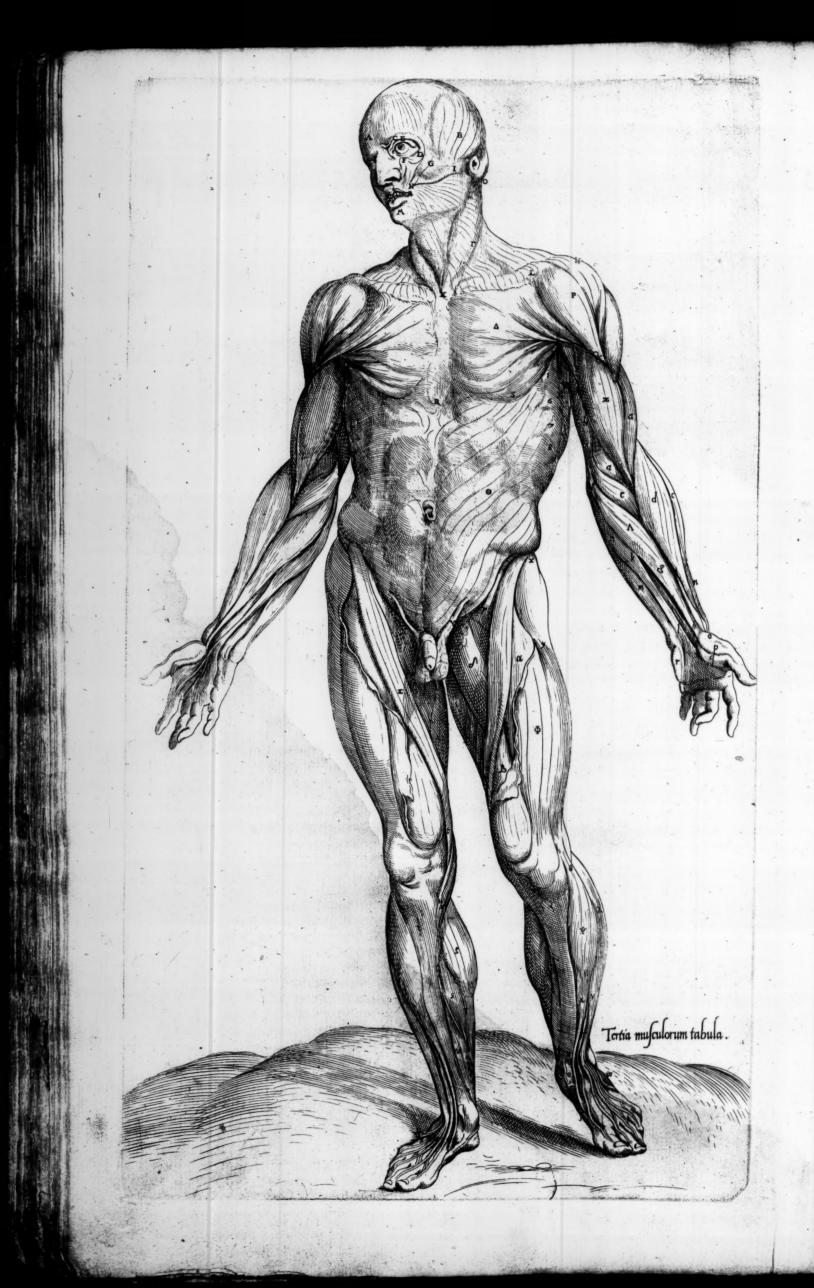
markes here, as you see. Ind it is a mustee by whose benefite the arme is brought boundard, after the maner of a triangle. Ind hys unier spoets drawed forth by the toppes of p backe bones, where us this implicitly by the toppes of p backe bones, where us this implicitly benefit as the outfore which alterdocted sope bywards into the forepastes, from the holys bone towards this implication goeth from "buto" Indo "species into the forepastes, from the holys bone towards by implication which or these mustles of the muttles mattee to the implantation. Whether of the muttles mattee to the implantation. Whether can not be sent written that when the species which which is the lyde that "she which in the faile to hope is the lyde that "she table so they is still lyde that "she table to bought to be shown that the supply share to the content of the species of

mulcle buber the mulcle marked worth a Breaule the lytle in the Chadow at the lease of the brelle Chadow at the lease of the brelle Chadow at the lease of the letter thy letter a. Chewring the mulcle that break geth the arms to the brells . These Chapes proceding the arms to the brells . These Chapes proceding there after the maner of a triangle, are the instructions by thiplatringes of a mulcle which is graft in the ergist upper exploses of the brelle windness of a hande.

The reflyinge by of the mulcle of the inner Chapmie 1.1 of the belly descending a Copewise, which goeth in together with the mulcle aforelayde, and much the

together with the mulcle aforelayde, and with the engrally nices of terraine of the mulcles noted with . And that which is feneral along the whole inpth. And that inspect is fene all alongs the whole region of the belly, is the croked muscle that goeth specionics, notworks adopt generals that the stranght muscle of the belly boeth somewhat well total upcause of the thermal of the thermal precipit as stroots before the croken tansons, specially as though before the beginning of the frast muscle of mounts the special beginning of the frast muscle of mounts the special which in the special following you this special thermal special with the country the muscle of the country the muscle of the country the special thermal special the special through through the special through through the special through through through through through thr





### The leconde fraure of Mulcles.

are copassed about which also is the sprte of those that move the thynne, a fifth & tendon of thes mul-cle is not very thycke, he letteth not the light of the other mufcles, and thence cometh forthe the mufcle that thall thought be marked with ..

Postion of the nynth inuscle of mouing the Chynne, which we that thewe in the fourth table with D. The fewenth muscle of mouning the Chynne couered

with the thome tendon of the forte mulcle of mouping the Chonne.

The fyall mulcle of moung & left thigh, and here is also fene a great parte of hym that moueth the ryght thyghe.

The region of the great or outwarde parte of the

thyghe. Dere is fene parte of the feconde mufcle of moung the thigh but the other parte is byd with the fyifte mulcle of moung the thygh marked afore with ".

and with the muscle that bigingeth forth the brode tendon, and that which I have here marked with.r. The fourth muscle of moung the Chrone, which is a here fene mofte enidetly on hys outlyde, but he ap= peareth no where on the ryght legge.

There is fene in both the thyghes, the thyto mouer

of the Ihpune .

On the right thygh mely is thewed & leconde mul-

cle of mouping the fipnie.

Thate let the letter A . twefe in the right theghe, to the we the muscle which is in nombre the fyfte of mounng the thogh, and in the left thogh nogh buta the hame is put thes letter at the wange the fyfte

In the ryght thyghe is thewed the frith muscle of mouping the Aprine according to the invide of Ga= len and , theweth the later parte of thes mufcle, where as z. the weth the later pozcion of the fysite parte do knowe of these thonges do appeare harde and darke in the other tables of mulcles, thefe are fomwhat better fene, that a man mape fe them al= mofte naked: that is to fage, in the feuenth, at thes letter.s. and in the enght at Dand . In the twelfth at E and E. but they come not all to palle to be reherfed in enery place.

The mufcle that (welleth forth bere is & cyght of

moung the fhynne.
\* 1 Parte of the fhume without fleshe, but the inner ancle is patuatly marked with x.

A mulcle in both the legges making the caulte, & is nombred the fyrit of mounning the foote.

A mulcle marked in both the legges, whyche is the seconde of mournae the fote.

The themself tendon of al the body, lergnging fro the there muscle of moneying the fote.

The greatest muscle of setting forth the calle of the legge which is the fourth of mounting the fote. Ind although ye fynde not sontyme these letters . 6 i. and fuche lyke markes, pet therfore pe fould not thenke fourthing left out or bamarked, for so much as tholeletters or in the grauping are not butyke to our latyn o.i.

I multile bowing the thorde toput of the fore toes. A smale possion of the systemustle of moung the foote ... In onerthwarte lygament compng from the inner

ancle and goping boline towarde the bele.

a muscle byinging the great toe inwarde from the other toes whych is here most eutdently sene,

A lygament fpronge forth from the mulcle of both png the fecond topntes of the foure smale toes fulfpllying the office of a brode tendon in the plante, or sole of the fote.

of In eyther legge there is noted a mufcle placed in the fozeleate of the flynne, and is & fyrte of the mo-

upng the fote.

A musche dra wen forth to the leffer bone of Blegge, andis the feuenth in nombre of moung the fote. I mufcle drawen forth bider the mufcle aforelaid,

whych is the eright of monging the fote: the tendon of thes muscle with the tendon of the sementh are

fene bnder 2

Themuscle of firetching forth the foretoes, and on " the left lybe of a, is lene a porcion of the mufcle, ims planted with a forked tendon byon the bone of the fote, before the smalest toe, whyche is the nynth of mounng the fote, and it Chalbe fene moze perfectly in the fourth table of muscles at thes letter Q.

The tendon of the muscle of the fote, that putteth

forth the great toe.

In overthwart lygament lyeng belybe the ancle in the insteppe, that ferueth both the bones of plegge, and is marked in the left legge with A and in the right with A.

The beter ancle, or the leate of the leffer bone of the

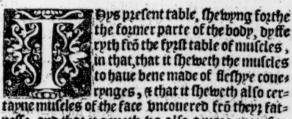
legge: without fleshe.

In overthwarte lygamet going fro the leffe bone

pertenning to the hele.

I muscle which is the author & gener of power to bypnge awaye the lytle toe from the other toes.

> The declaracion of the markes and letters of the thyrde table of Muscles.



nelle, and that it geneth be also a more exquisite knowlege of the muscles, then dyd the two fyrst ra= bles. And as for the thynne coverying, which pe fee in the face a the necke of thys fraure and & ftrpkes whych are drawen in the muscles, which might hyns der poure knowlege, pe shall biderstande them, there chiefly to be lette to belpe the painters and the gratters in theyr proporcions, for by them, is had therpresse knowledge of the bones, with the ble of every muscle, a hauping this rule before they epes, they shall knowe whether ought to make any mus-cle lengar or shorter, epther swellinge forth outwarde, or pressed together inward.

She with certain freight lines brought along the forhead with the mulcle of the forebead, and of the

skynne of the nose thaylles. The mulcle of the temple, which formyme, thoughe not very often, is nourythed with a fleshy thrine skyme a with the fleshye cotes of the various, which The thyrde froure of Mulcles'.

of the latone men are called fibra.

The mufcle leftpng bp the epe lydbe.

The mufcle drawing downe the epe lydde. A knytting together of the unifcles of the epe one to

in the other alongelt the eye lybbe.

I muscle gopng with his halfe parte to the winge of the note, and wyth hps other parte to the bpper lppe. And truely as the divertitie of the mulcles of thome fammes in the lyppes, cannot be fully fet fourth: lo alfo I woll not cobre the face, which Chall appere barke prough of it, with a multitude of caracters or letters.

The bale of the cheke, on the foreparte of the chair bone, between the eare a the eye, beyng cleane with

out flethe.

3 mulcle compng bowne from the balles of the ches kes, perraynyng properly to the upper lyppe.

The bearning of the mulcle of the chawe, why th I will now before, nor hyd with the brode mulcle

that I woll even nexte speake of.

A muscle being of a fleshpe concerning, whych is the chiefe of mouping of the mouthe, the lippes, and the sounce skynne of the necke, and it cleaueth here to the body on both lydes. The other parte of hys fiels
The concerning why this not made fielhe, being cut 5.6.7.8 from the boope.

and that which pertaineth to the goinges forth of the thonne fapines of thes prefent inufcle is to be the brefte bone, nyghe buto the feate of the canell bone, whate thenne skyme assenbeth directly by

M warde buto 90, from L. to N. is thewed parte of the beginning, out of & region of the other leate, begins nyinge from the feate of the canell bone, and of the

n hepatt of the Moulder, whose tranersed or ouerthwarted thenne summes be stretched bewardes into the sozepartes. Furthermore albeit that the same parte of the muscle, which is in the after seate of the backe of the necke, is not fenc, neuertheleffe O.fet at the roote of the eare, theweth as it mape be,

the trauerled thomne Thomas, crepping fro thence. wherfore, in describping the lydes of thes muscle, poumufte thynke the fraft parte to be brought fro N. bnto 0 . the feconde from 0.to H.K. by L.to N. fbes weth the thride lybe: and thou halfe the fourth lybe from K.to M.and the blacke barke Chadowing lime which goeth from K to L. theweth the place of byflaunce betwene the muscle of the lefte lyde and the other on the right live.

The mulcle lyftyng to the arme whome here in the foreparte of the bodye L.N.& Q! Do almoffe enclose about, and at the neather parte sombhat beneath Q. fpapageth fouth hes grafteng of fallening place

that he standethin.

The muscle that bayngeth the arme to the brette, which is fene in the nexte table, as it is bete: for he being there taken awaye from bys begrining, is noted both A and worth the other caracters of mar=

kes also aboute bym as he is here. K. Cheweth parte to of hos begynning buto L. bipinging hos begynneng ning from the causel bone. Fro K. buto R is Chewed also parte of the beginning growing forth from the impobelt of the brefte bone, but R. Meweth the Thenny parte of thes mufcle, fretched fouth frome

the lynowyethynnes of the mulcle befrendyng croked and fydelong on the belly, to the fyde of f fwere de griffle.

But S.lygnifpeth the flefhre parte of the mulcle going by homfelfe from the forth and the fenenth griftell of the rybbes, bycaufe of the croke of froes

longe bestending muscle of the belly, and & shew= eth the place wherin thes prefent mulcle is grafte

into the arme, between the lefters bp of the fame!

marked with? and the first of mouring the cubyt marked with & furthermore of thou be mynded to beholde the lives therof, and the graffing in, of his thynne farmes, loke boon the table folowing, and you shall le pengraffyng of hymat T. Q. or which

pf pe topne the markes of letters of that a thes tos gether, you mave measure forth after thys maner the. b. lydes of thes mufcle. The fraft from Kto L. The leconde from L to R. The thyzde from L to Q. The fourth from Rto T whych the table followinge both thewe, although it be hyd in thys table with the brobe infercton of a mufcle, from thence alfo cometh the fyfth fyoc from L. to T. onely to be fene in the fourth table;

A muscle drawing the arme downewarde.

whith thefenombres are thewed the infertions or ingraffynges of the feconde muscle of mourng the brelle, a they are implanted into fribbes, whole res gion frit it is expected with thefe nombres , you mape perfectly gather the hyghelt parte of bys me

fercion to be in the fyfth rybbe.

The spoelong muscle of the belly descoping, which with the species courry that the solve seate of the belly and also the great region of the brest. The comong forth of thes prefent mulcle is themen topth the nombres, with the which also are lygnified the infercions of the feconde mufcle mouping the breft, but & tox feweth a whyte lyne whych can not be other tople let forth with a lymple colour. It were muche better pfeuery parte of the fygure wete fet forth with their owne proper colours, to the ende that by fuche expression, one parte might be belien. ctipe feuered from another, as the flelbre from the Capunge which flould be here parformed pfit were not more fumptuous then mape wel be borne of the poore beers or fellers.

I Thes is the peard, (hes ouerlayine called preputium bepng take aturpe )on whome is brawen a Grapabt lyne thewing the topinging together of both the bos dres, which being in the table following cut away.

is the web at 1. but the mofte clere buderftanbrige of all those thenges you hall learne in the latte table of muscles.

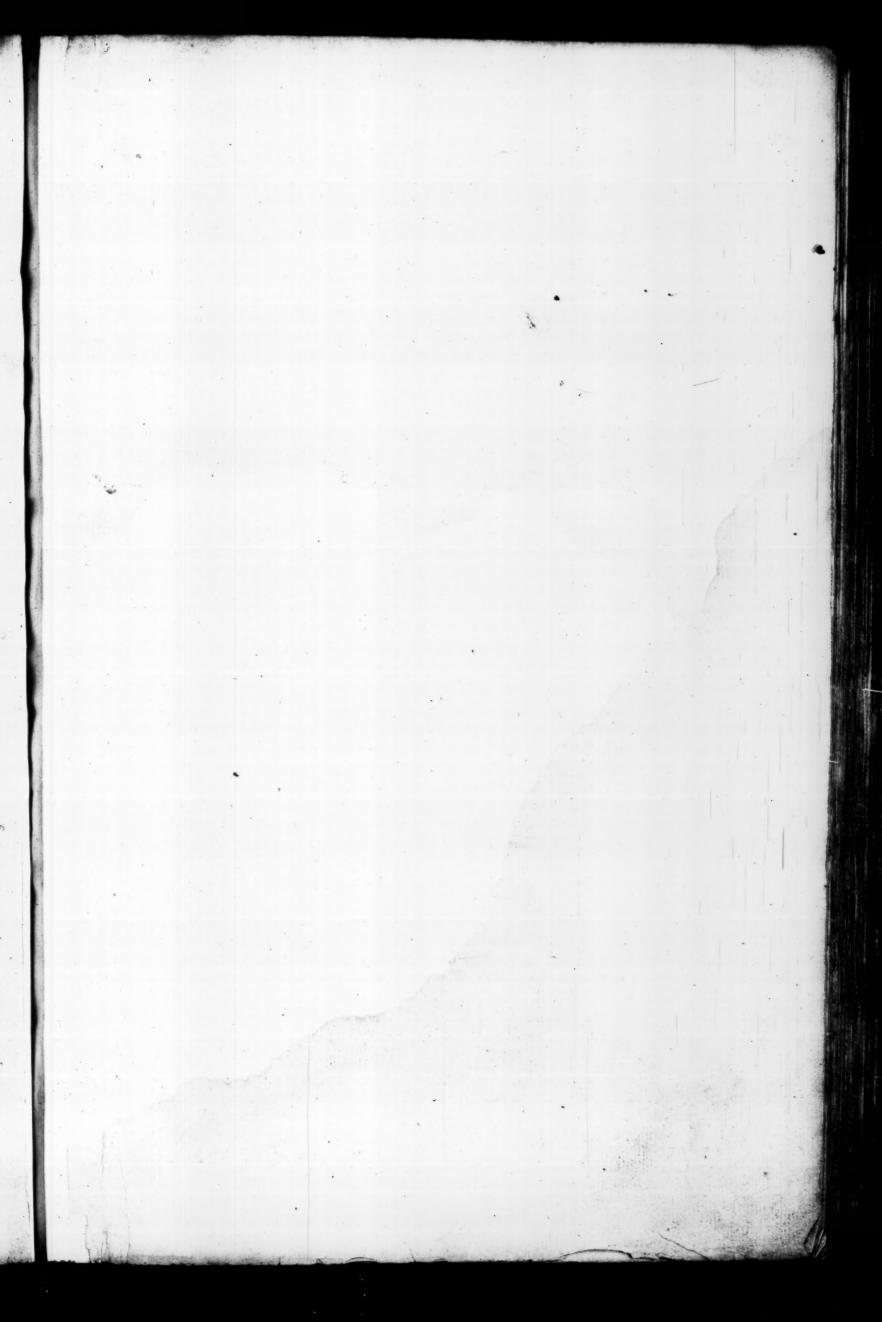
The fede beffels berng pet couered topth the farm: with the skynne of the belly called peritonium Doth bipinge forthe

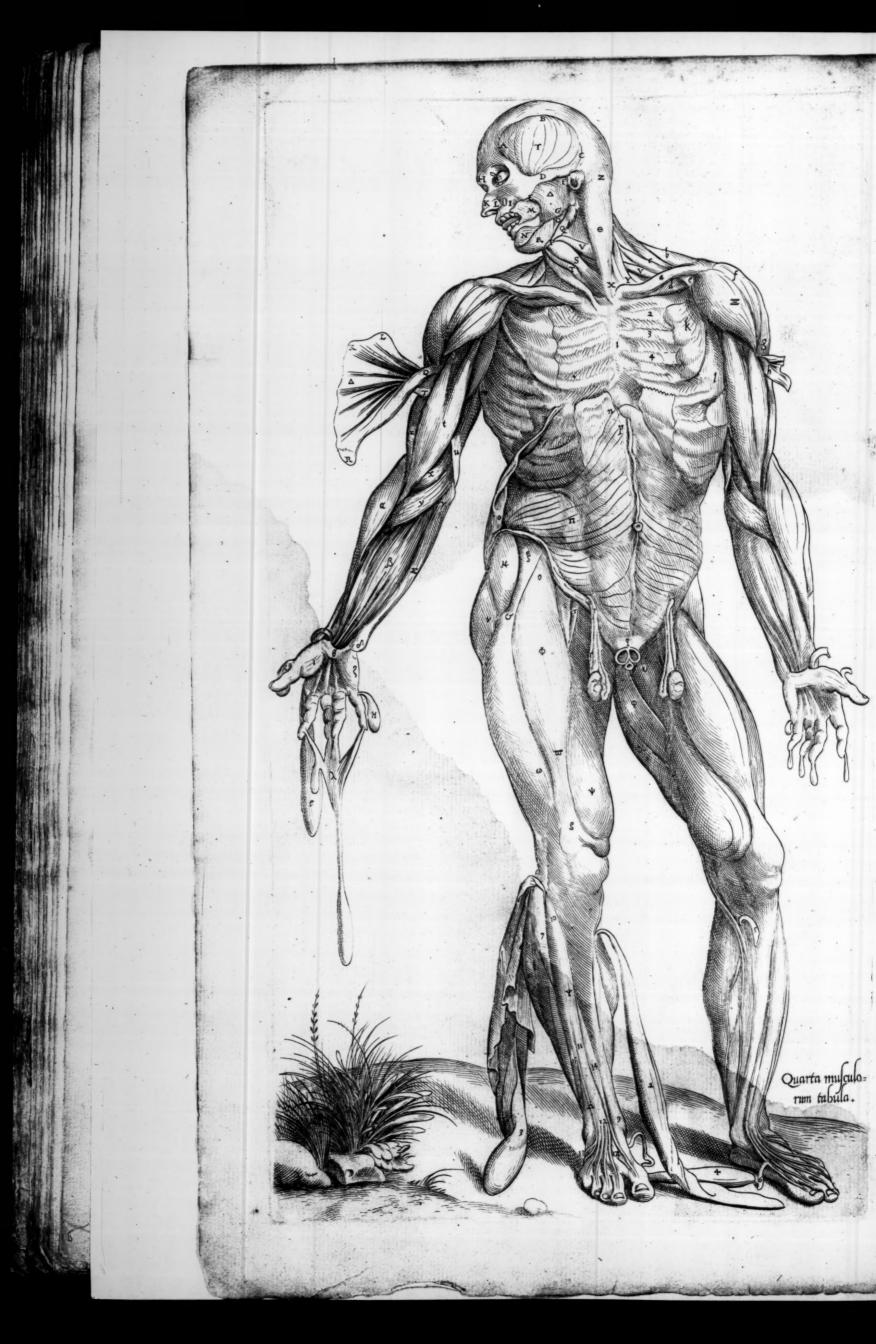
The former muscle of bowing the cubyte. The hynder muscle of bowing the cubyte.

In the infpoe of the arme lis byd appointing the muscle that thusteth fouth the cubpte, takping has beginning from the lother rabbe boder the Bouls ber point.

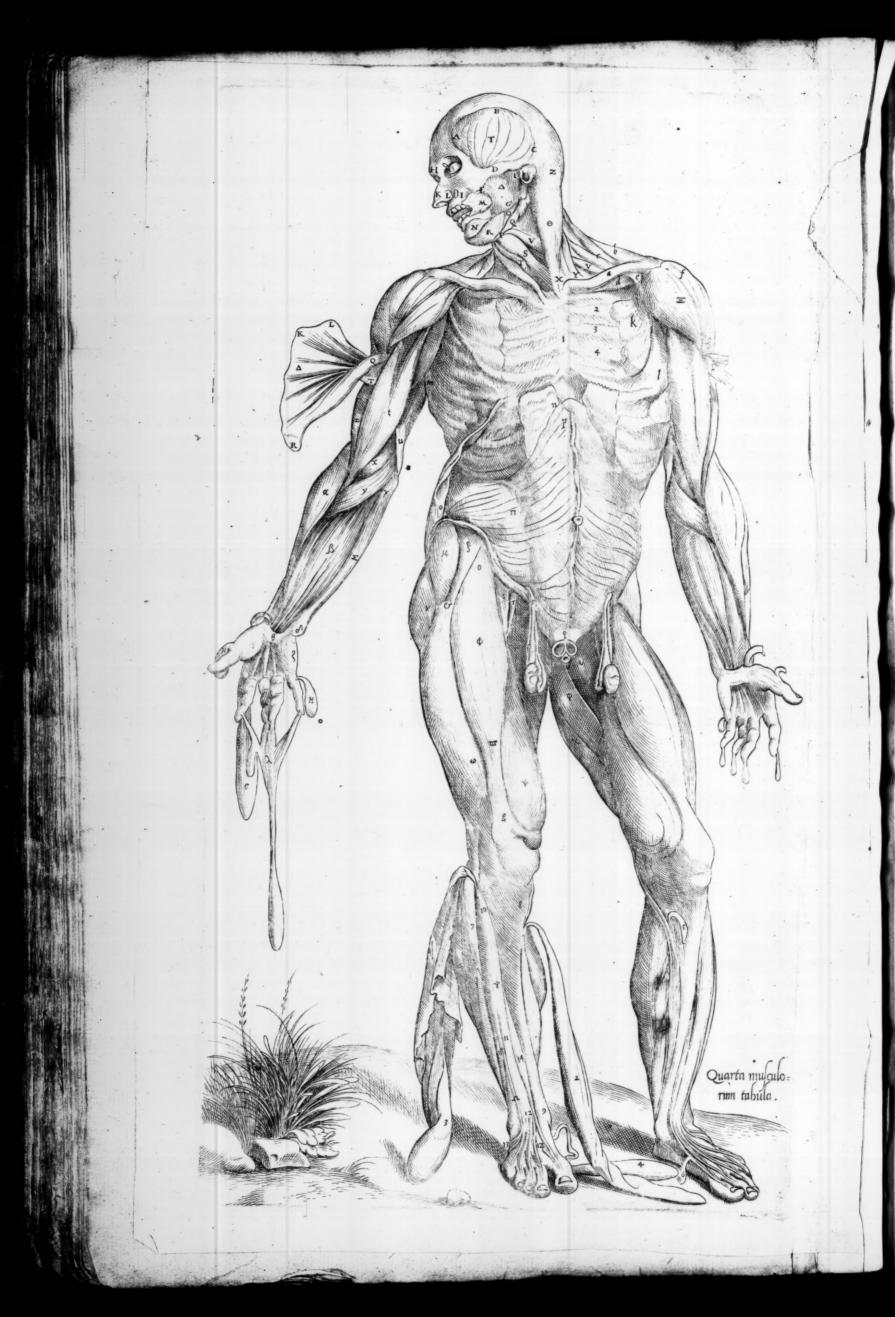
The mufcle wyth oforked tendon, thuffping forth the meete.

The mulcle that bringeth gleffe bone of the cubyte intoli pagnionam agai awangi apipadi









#### . Zyguefourth fpgire of anufeles.

porpulit unplanted at the neather ende of the fanic The opper matcle of mounng the lefte bone of the cubite Downewarde.

I muscle being one of the two boughers of the

f.g.b. of the hande before the fpnger, and flheweth hos be gringing, s theweth the coming forth of the tendon from the belly of the muscle, b sheweth the seat of the muscle, wherto a negliget cutter, should appere to be the ende of the feate.

II The mulcle that bayingeth forth the brode tendon ik! of the heygth of the hande whole heade is thewed

with , and k theweth the beginning of the tendon, but I sheweth the place where the tendo begynneth

The other mulcle of boughing the welte, here also in the darke is fene a portion of the mulcles, wherof the one bipinget bys tendons to the wrefte, and the other to the thombe.

. The fyilt space betwene the toyntes of the thombe wythout fleshe.

The muscle of carping awaye the thoumbe farrest from the forefpiger.

The chiefe muscle of the two, that boughe the fyste bone of the thombe.

The mulcle of moung the lytle fynger fardeft fro the other, and in the next table following he is mar= ked with k.

In the ryght legge is noted the fraft motter of the fru. Thenne, whose beginning is marked with and to thewang the begynning of his tendon, and "thew=

2.3. png hys implantacion, but thys marke 2. Thewe the infercion of the feconde muscle mouing the flynne, and 3. Theweth the ingraftyng of the thysde.

- The firte muscle of mouning the Chinne, whose be= aynifying is noted with x-63. The weth & feate where he leaueth to be flethre ann he is brought after the maner of a couering roude about & greatnes of the thygh, not we could not otherwife expresse this tenbon or covering but as we have done there in bothe the thyghes, from whome we have cut awaye hys thorniest parte, and brought it about the inspoe of the thygh, as it were a rente of tome conering, that the cuttyinge therof mighte shewe formwhat of his Chape, and what fo cuer remayneth on the outly de at the inequall lyne or cuttyng, is yet tiyll the thynne toueryng or tendon of the layd fyrth muscle.
- The nonth mulcle of mounng the Chynne. The epght of mounng the fipnne benng greater in the lefte legge then in the ryght, a bucouered from the firth muscle of moung the thymne. We have fet no marke not lettre to the fewenth of moung the Chime, because he is yet al couered buder the syrth, although & might well wane thewed hym, fith the thymne conerying of the fyrth muscle is not fo thyck but that the thape of the muscle buder hym myght Commhat be fene through hym.

There are muscles thewed in the thare, which we thall vectore to be the fyrte and seventh of monying the thigh but a theweth thiesly the kernels there is, also the place where the kernels be from whom we have cutte the bellets that goto the legge .

The enght mufcle of mouning the enght. The seconde muscle of mouning the Chymne, whose

tendon is thewed by thus karracter or frquire 2. Dave of the Thome bone wythout felhe, but a pale wattpnoteth the inner ancle.

The fyrth muscle of mouning the fote, whose come

8 x mping forth 8 both theme and the weth the begyn= nying of hystendon, whose procedying is manyfest prough, wythout puttying of any letter: a & the weth as it were the place of hys infercion.

The fewenth muscle of mounng the foote

- " The tendon of a muscle of thrustyng out the great
- The muscle that putteth forth the foure smale toes
- The muscle of bypngring the great toe inwarde fro the other toes .
- An overthwart lygamet put before the feate of the Chynne and beyng cut he is turned towarde & Cyde. The tondon of the forked muscle beyng the nynth

of mounng the foote.

The fyelt of mounng the foote. The fourth of moung the foote.

The longest and the thinnest tendon brought from the thyrde muscle of mounng the fote.

The muscle of mounna the thyrde bone of the fore toes.

The fyfth muscle of mounna the fote.

The declaracion of the markes and letters of the fourth table of Muscles.



Hys table theweth forth together many of the muscles of the table be fore, taken awaye after the order of cutting, with other also not yet sen in the fraures before, which thing all the tables of the mulcles heraf-

ter butyll the eight table thal performe and thewe. wiple the bones mape be fene bare in the foreparte of the face.

- The muscle of the teple, whose beginning is som whatlyke to an halfe circle: beyng let forth wyth A.
- The biter feate of the bone bnder the eye wythout flefhe.
- The muscle of the chawe, hys begynning is thewed with E. at the place of eating, and with F. by geare, and hys lyde is drawen from E. buto F. alonge the bone that goeth from the eye to the eare.

Sheweth the lowelt feate of this mulcles infercio. forthermore of thou wolt loken thes to a triangle: thou mayelt contecture and thynke that E. F. G. Do

Thewe to thee thre angles or corners.

The smale synowe of the lesse roote, of the thyrde papee of synowes of & brayne, going by this wave to the mulculous knyttyng together of & forehead.

A smale synowe of the lapo roote topned at the bps per lyppe goyng to the outwarde feate of & wynge of the note.

R A griffell in whome the left bone of the nole bothe ende.

The lefte wynge of the note, endyng and lying at the ottermofte point of the layd griffell betweine X. L and at the inner layine of the notestryls where certayne couering lygamentes be taken away, ther ? appeareth forth the inner mulcle of & wyinge of the

# The fourth fagure of mufdes .

note, which is bery thenne.

M mustle being one of the mouers of the chekes co myng frome the byper chawe, and grafte into the

neather

The left muscle proper to the neather lyppe, whose whole bodye is declared with less difficultie then to shewe it by cuttyng, all hys divisions a netty concerpinges which things is sene in the muscle marked with M. and about thapposition of O. the hole of the eare sheweth hym selfe. As also the karnels which are bider the eare: do as it were expresse and shewe this figure or letter O.

There is fene a poscion of & mufcle, although fomwhat barkened, whych draweth the neather chawe

Downewarde.

In thes feate the bone is fette, thewenge the shape

2 Amuscle compng fro the gopng fouth of the bone of the temple lyke a narowe bypoge, and graft into the bone after thes fegure v.

A The left muscle going from the neather chame insto the bone lyke o and there implated, whose felow

boeth here fomwhat appere alfo.

s.T. Both the lefte and the right muscles of the bones the though lyke this o figure, descending from the hyghest of the basele bone.

permote rybbe bender the Moulder, and is implanted into the bone whych is lyke thys frauce v.

a muscle scruping to the mouring of the heade taking his beginning from the bone of the brefte

X.T marked with X and the other parte marked with T. Comming from the leate of the canell bone night to the bone of the brefte, but z. the with his inferció where as he compasseth about al the whole processe of the heades of the teath.

The canell bone, hys fozeparte beyng muche with outfleshe.

The infercion of the seconde muscle of moung the shoulder point.

Here the bellels gopinge into the heade, and the lys nowes rennying forth into the arme do darken the mulcle greatly.

A muscle comping from the canell bone, graft in the fysh robbe of the brefte, and is the fysh of mounning

the brefte.

The foreparte of the muscle of lifting by the arms, the tenth table sheweth hys backe parte as yet hyd in hys seate, marked thiesly with  $\Delta$  but the next table following sheweth this foreparte delivered fro hys springing forth turning backward, where he is marked with  $\gamma$ . Furthermore of a describe in

thes fregure a manyfelt parte of the muscle of lest trong by the arme, after the maner of a triangle.

geththe arme to the brefte marked in gryght arme with L. T. and we have let also d boon the same mulcle, to the intent that the carracters or signes maye be referred to the carracters of the table be-

LA fore, buto the whych table K.L. Roo also serve.

The bone of the breste belovered from the beginnong of the muscle of brynging the arme to & brest.

2.3.4 The feconde, the tee and fourth of the rebbes of the ineffe, to whome the other follow after in other, and

in the space of those the outparde muscles between the cybbes do mete, but the lynes drought into the rybbes beyng on the lefte space of the carracters, do shewe the bones of the rybbes delynered fro they grissis, a these carracters be written the grissis.

The fyzit muscle of manying the Coulder point.
The seconde muscle of manyinge the breste.

" Under the ryght arme hole mis let flewing & mulcle by the whych the arme is drawen downewarde.

The Areyght mulcle on the right five of the rymme of the belly, here clyimming by hygher with his fixnowe thinnes, then the fivelong alcedying mulcle.

The oblique of lydelonge muscle of the belly, which we have here made to turne by from the belly, back

warde.

In The oblique alcending mulcle of the belly, copalfing about (as you le) all the leate of this fyde of
the belly, which one for and the line brought by the
lower leate of this fine of the belly to g bone above
ue g pruy medres, do in maner encopalies enclose.

Property Dorcion of the oblique or fydelynge muscles of the believe comming downswards and leaving at the whyt lyne appearing on the belly, but 1-property synthematically syn

The fede bestels whych I byd not purpose to have shewed here no moze then the muscle of the stones, which bycause it should have and spewe a druer steet from the sayd vessels, we have set f theren.

the former muscle of mouning the cubyte to whole fleshpe parte of his inward beginning I have not put to any carracte because the sayd muscle cannot be taken awaye here not in the table following, but the spaces appearing between the two beginninges is the bone of the arme of the shoulder.

The muscle that stretcheth forth the cubyte who bath hys begynnyng from the lower cybbe bnder

the Coulder.

The hynder mulcle of bolding the cubyte .

The upper muscle of bringing the lesse bone of the cubyte bownewarde.

The lenger muscle of biyngyng & lesse bone of the cubyte bywarde.

B Chemuscle of folowing the seconde toyntes of the foure syngers.

The muscle of the bygger bone of the cubyte, stretthed forth and bowyng the wrester is the head and A his inserction.

Another mulcle of bowynge the wrette, hanging bownewarde.

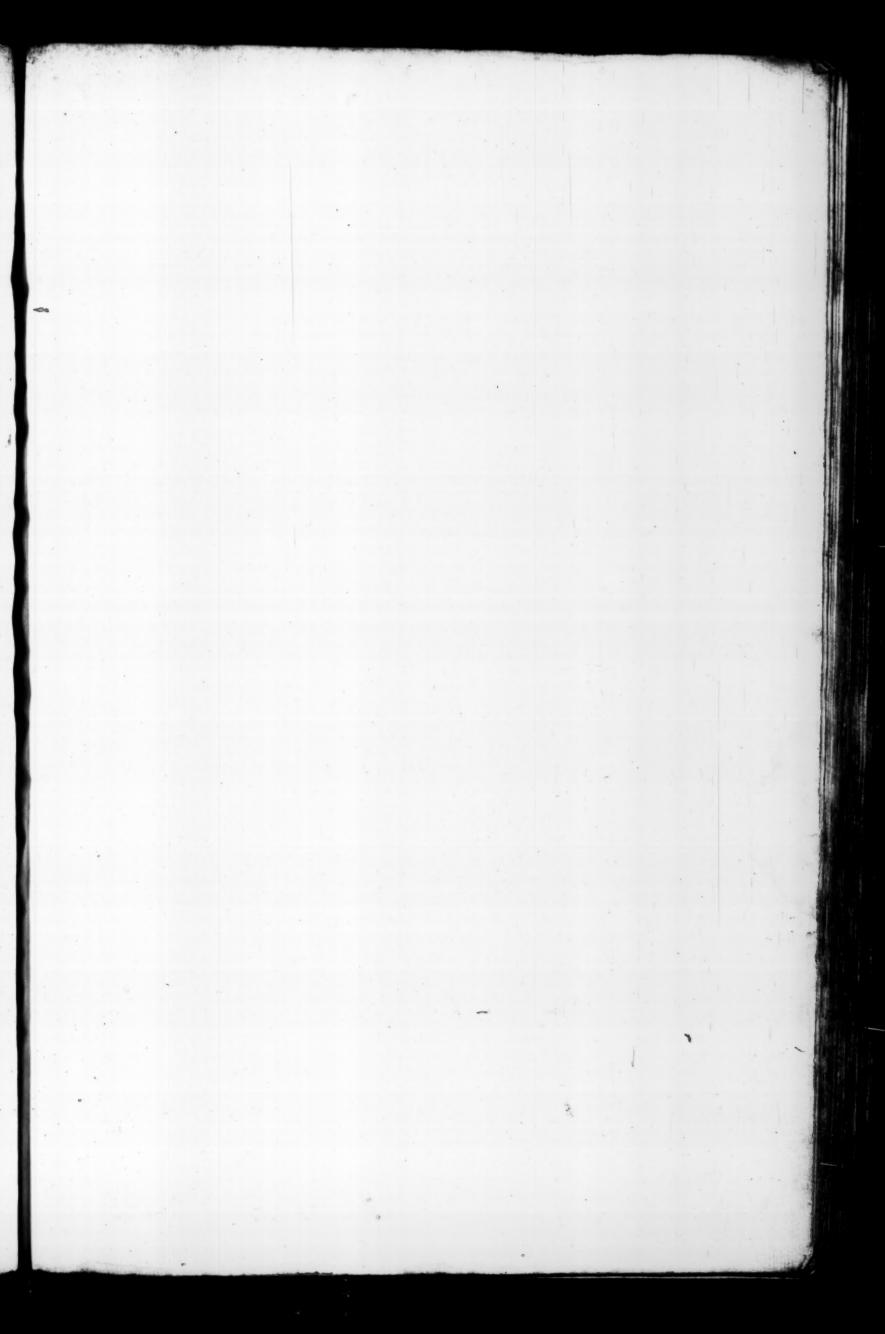
A muscle bowyng outward the fyst space betwene the topntes of the lytle fyngar.

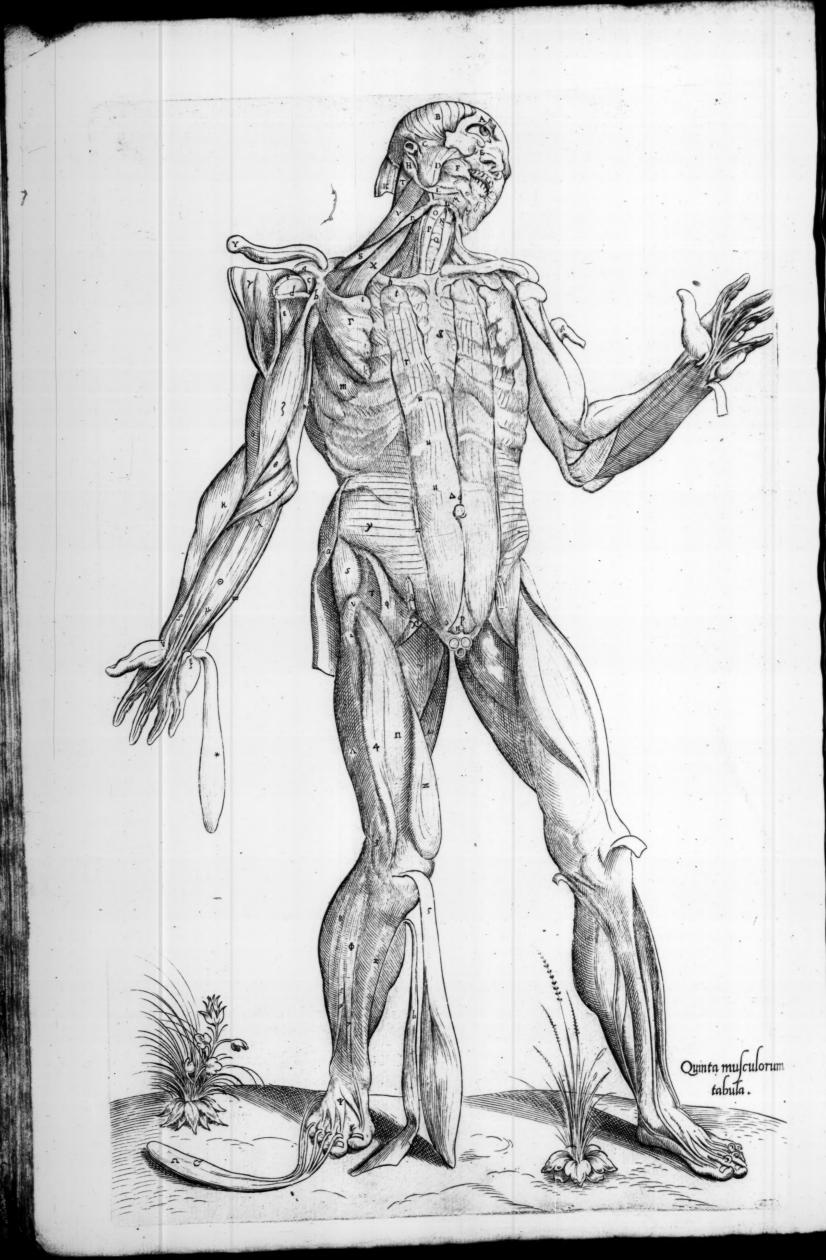
Thes muscle hanging botten, bringeth away outs warde the lette friger from thother frigers .

of the wreste metring it and with the tendons thes wave crepping being coursed.

The bygger muscle of bompinge the fysit bone of the thombe.

Dere





#### The fufth fraure of confices.

\* Dere hageth bowne a mulcle by whole benefyte the thombe is removed farrest from the forefpiger.

> The brobe tendon of the hygest parte of the hande comyng fouth weth hes tendon and haging downe in the ryght hande from the toppes of the foure fin gers. furthermore here in the palme of both the ha Des are certagn tendons polothed with ayinge couetynges, and brought forth to the fyngers.

The feconde muscle of mourng the thigh. The fysit mulcle of moung the thyghe.

The knyttyng of the holy bone to the ryght lybe fro the whych we have cut the fyalt and the lyrth of mos

tiping the shynne bone. South the better processe and the greater feate of the thyghe are belcrybed.

D. Che.ix.mufcle of mouing & flynne bone, whole be-

granging, company fro the opper toyat of the hyppe bone, is marked with o was theweth the beginning of hys tendon, but e the weth the feate where the tes

Don of thes mulcle both fpipnge to gether weth the tendons, whych are boderneth.

The fewenth mufcle of mourng the thyghe.

The lytth muscle of mouning the thigh. In the lefte thighe is the eight muscle of mouning the (ame marked woth v.

The fyfth that serueth to the mouring of the thigh.

X The feconde of moung the Chynne bone. 4 The eight of mouning the flynne bone.

The fewenth muscle of mouning the shynne, and he is marked in the ryght thyghe because he is there

2.3. The fraft muscle of mourng the Chynne, but 3. thes weth the forte of mouringe the flynne.

4 The fyrte mufcle of moung the fote, hangping fro hys infercion with \$ two before reherled, but in the left legge is sene \$ first of mouring the fore, with a pozcion of the infercion of the fyrth mulcle of mo-

5.6. uping the fote, and thys carracter 6. appointeth this infercion and 5. She weth the other infercion.

7 The feuenth muscle of mouping fote.

A part of the Chynbone wythout flethe fro whole out lyde the lyth mulcle of moung the fote is taken awaye but 9. doeth onely thewe the unier ancle.

The mulcle of thuftyng forthe foure fmale toes, 10,11, 10. Meweth hys springing forth, but 11. Meweth his seate where he sendeth forth hys sortion, whych we boll nombre in the place of the nonth muscle of mo uping the fote, and we have marked hom here woth

A the feate of the muscle marked with & and here 12. (papuge fouth foure tendons by the which the foure Imale toes be stretched out, a before rehersed the meth the number of mouning of fore, who putteth for marde has insertion to a forked tedor noted with 13

The muscle of thustyng forth the great toe.

15 The enght mulcle of moung the fore .

16. The fecond muscle of mouning the fote, we hatte not marked the other whyche be in the hymber feate of the Oprine, bycaule they are here all one with & this tables before. e i dia

> The declaracion of the markes and letters of the fifth table of Muscles.

Bole through whome the lingle of now of the through

of the brapne go to the mulcie of the foreheade.

The mulcie of the temple.

Here is a great portion of the theke bone cutte awaye, bycaufe you hould the better fee the toppying together of the bone of the temple and the chambone marken much 2. the chaw bone marked wyth D.

E A hole through whome a brauche of the thred pape of beynes of the brayne is brought forth to the bp.

per loppe and the wonges of the note. I brode muscle brought from the opper that onto the neather, feruing to the mocions of the chekes.

G Both the lynowes percepued at thes carracter be brought forth to the neather lyppe, but the bpper feate of thes carracter theweth the spongeous substatuce of both the lyppes.

The muscle & draweth the neather chawe botme= warde: and eche of the carracters by hym felfe, no= teth eyther the belly of hys muscle by them felfe, in whole mpole parte of the bellys: a part of the mul-

cle is sene without flethe.
K. Porcion of the muscle of mouning the heave, coming from the bone of the brefte, and the canell bone, and graft in thee procedynges of the teates.

LA bone lek thes fraure v.

M The fyzit and the seconde muscle of the tounge des fcendying from the bone called Hyoides.

N The grystell of the throte lyke a shelve yet courted woth the muscles whych shalbe herafter described.

The ryght muscle of two commyng from & bone lyke vand graft in the griftill lyke a shelbe .

The muscle of the right love of the muscler which Do come from the bone of the brefte lyke a thielde, a graft in the gryftill of the throte, and at the outly be of thes mulcle is lene a thruffynge together of the arteries of flepe, with the inner baynes of the necke and the force pape of fonowes of the brane.

The forefeate of the Charpe arterte.

a muscle lecurng to the bone which is lyke thes fy gure v. spipngping fouth from the bpper rybbe of the Moulder. And epther of thys caracters do fig= nifpe by hym felfe epther of the bellys of hym, a the nipodel parte of thefe is parte of thes muscle not muche bnivke the lubitaunce of a tendon.

Boscion of the leconde payre of mufcles that mout

The the demulcle of moung the foulber point Here we have taken awape the canell bone, fro the bone of the breffe at the right live, being pet ad-fixed to the toppe of the Moulder, and kepping to him the mufcley which is the first of mouning the brefte and is marked wyth z.

The toppe of the Moulder of the bygher proces of the Moulder point.

The inner or lower proceding of the Shoulder point

The fourth peculiar lygament of the notitee point of the fourth peculiar lygament of these topic, allending from the lower parte of a herath of a houser. I rounde lygament going from the topic of the lower process, or the mirds of the houser point is graft in the forlease of the biterheads of the house ber, and is the first of these topic.

Inother rounde lygament from the highest state.

## . 23 The folly fraue of Mufcles.

of the coppe at the topas of the localiver and going all the few contents and is the less contents become and is the locality of the locality

In the leate the two legamentes marked with decount they fores eigether, making the chape of an operfilmante legament, and thinking forth the outter heads of the former mulcle of bowing the cubite, and is marked chortly here after with 3.

The hone of the brefte to whome all the griftils of the leven byper cybbes of epthet lybe be kniptte. The trall rybbe of the bielle, the other rybbes light they frace between are entoently percentled and

neveno belpe of carracters.

The frast muscle of moneng & shoulder & thewe the begynning of thes muscle fassioned lyke a hande, even as o muscle which leeth bendereth him noted worth ... Theweeth the tedon of thes present muscle. Furthermore it is these together as it were the shape of a rriangle of thes muscle.

I mufcle compng bowne from the roote of the Moul ber and graft in the epght bpper rybbes of & brefte. The freeght muftle of the ryght fybe of the belly,

. o. and ". the weth the flethy begynning of hym, lyke a triagle and noteth the fpnowe begynning of thes mintle thapping almoste at the whole muscle, a in al

the space betwene fro pertaynyng to j. & ftrapghe muscle of the belly do touche together with they? mner fpve, but in al this feat about 4. or about the nauell hymarbe, the hygher thele mulcles tyle together the more they are seperate from eche other, but 4 the beth also prenowy thynnes of the oblique mulcles of the belly knyt rogether in the parte at the one othwart muscle.

Thes time borth fenethe the flefthee parte of the Areyght mufcle, which is the laste pozition of his in-ferctor in any man, as pe mape well perceaue in the fourth table at this carracter m.

here mithes space from . buto sis the web & tendon or thome conerpng of the ftrapt mufcle of the belly lpke to that part of the Ape, or parte of the buffelhy onrufele, but . the weth the Helly feate of thes mufcle

grafte mehe fraft and the fecode rybbe of the brefte. Infertpetions or fprome declaracions, ouerthwartly imperated in the franght muscle, to whome the fynowe fpipingping forth of the oblique alcoving mul cle growing fall buto it.

The signe theweth a small porcion of the oblique aftending muscle, and he is here thrust together to the operationart muscle of the belly, so g onles suche: a fogne were there left, be could not in the cuttyng

be delpuered from the overthwarte mulcle, ay. The

beth the lard overthwart muscle.

the oblique alcendying mulche turned backward

from the belly . Botton of the leve beffels, But thole due lyke fas nom excles at the roote of the strayt muscles nyghe was the street exclusive here the same as they by unthe next exalls before that is to saye the construccion and native of the pears when it is cut awaye.

At he compare of the muscle of byting by the arms is here turned out?

Others also before the lefte arms, parts of the surferction of the muscle lefteng by the arms.

Harte of the shoulder bythout selle apearing benom cyrcles at the roote of the ftrapt mufcles nyghe

twene the two beades of the former mufcle of boty yng the cubyte.

The former mulcle of bowpng the cubpte. I mulcle bepng the cauler of thuftyng forth the cu byte whole begynning springeth forth fro the lows er rybbe bnder the Moulder.

The hynder mulcle of bowyng the cubyte. The upper mulcle of them that put the lefte bone of

the arme downewarde.

\* The longest mulcle of mouring the leffe bone of the cubyte by whose helpe the lesse bone of the cubite is brought bpwarde.

The mulcle of bowpng the fecoo bone of the foure a fragers a theweth typ begranging bader the mufs cle being peculiar to flelle bone of the cubyte mar=

w ked wyth. whych is hydde, and w theweth the de-Aribucion of thes mulcle into foure felle partes, whych afterwarde begenerate into feueral tenbos.

The ouerthwart lygainet of the infroe of the wieft, beupded by a longe infitton, and turned downe ep= ther lyde to the lydewarde. Hozthermoze v Meweth the fyste mulcle of bowynge the fyste bone of the thombe, but & the weth the muscle by whole benefyt the frist toput of the lytle fynger is bowed outward. But as touchyng to the order of the foure tendons of boloping the seconde bone of the foure smale fragers, all thonge is here lufficiently fene, pet neuer= thelelle we have in the meanie space affixed this let= ter . to the declaracion of the frift fynger a the lptle

Deve the muscle Combhat appeareth that boweth

the thyede bone of the foure toes.

A poscion of the mulcle of bowyng the thyso space betwene the topntes of the thombe, whych appereth moze embently in the left cubpte. a muscle ftretchping forth & bygger bone of the cu-byte, by whome the wie fte is turned.

The feconde mufcle of mouring the thyghe.

Here appereth barckly the heade of the thyghe gos yng binder the bowt of the hyppe, and compaffed a: boute with a lygament, but Tis fet chieffe in thes place to thewe the necke of the thyghe.

The great or outwarde processe of the thyghe.

Φ The levent') of mouping the thyghe. & The lyste of mounng the thyghe. The eyght of mouring the thyghe.

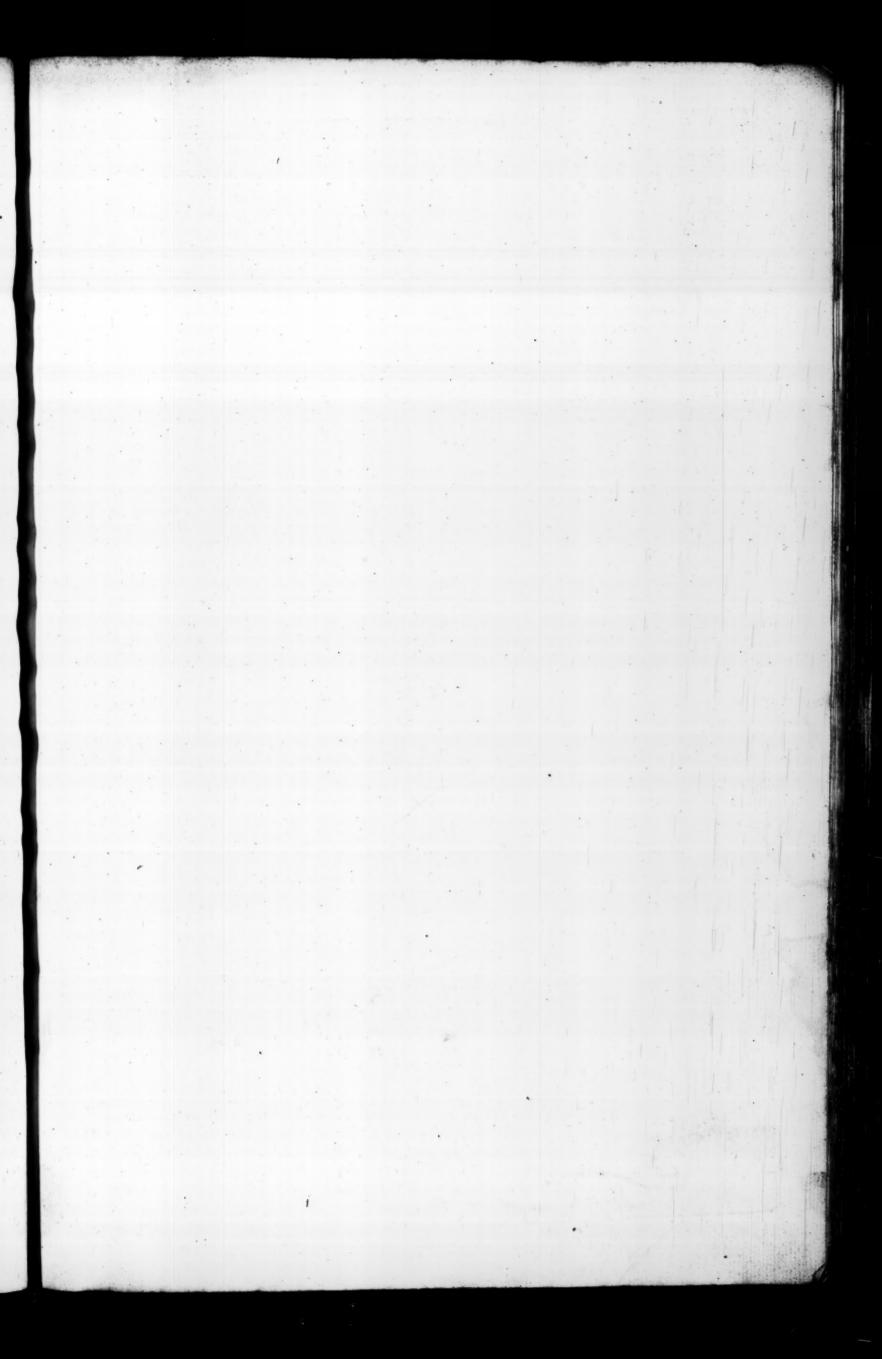
The fyfte muscle of moung the thyghe.

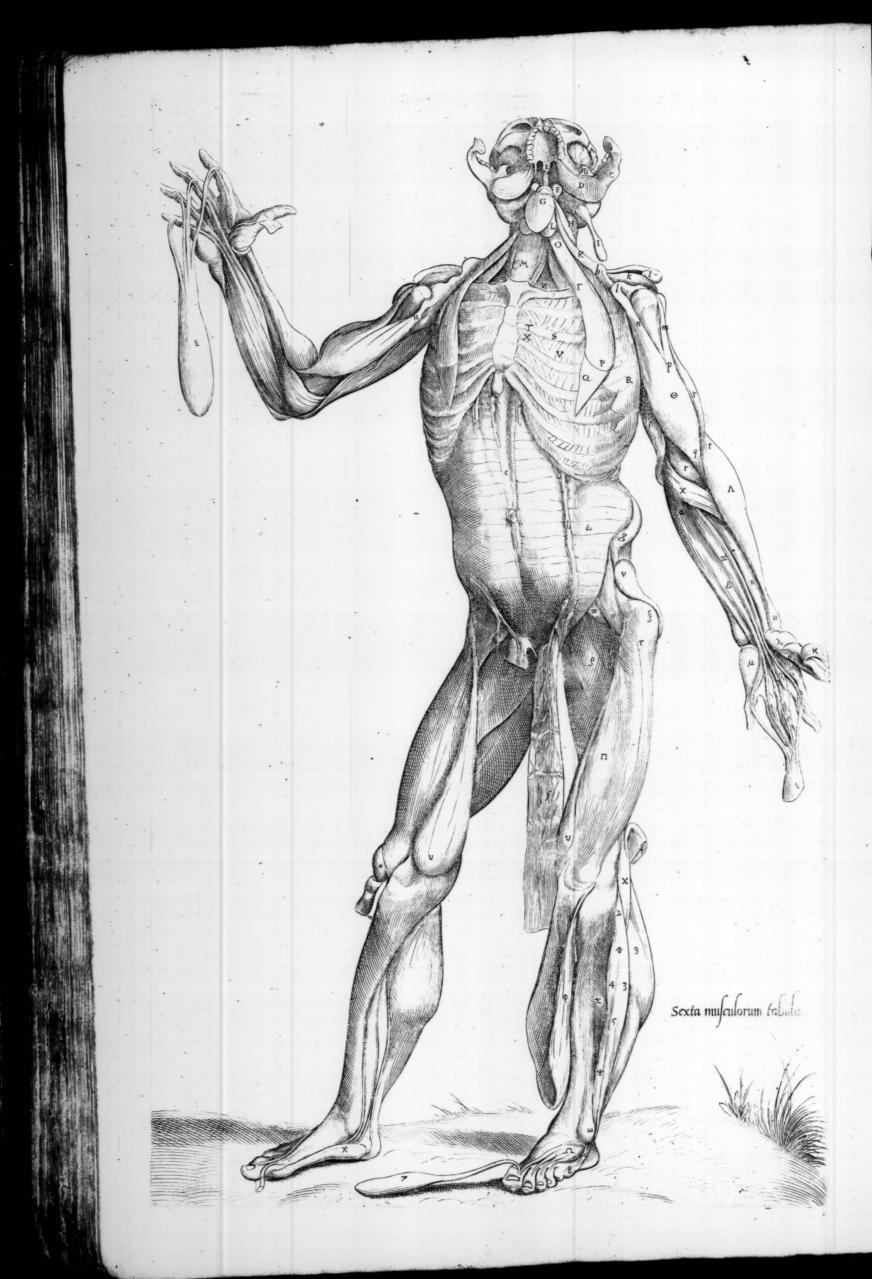
The leucnth mulcle of moung the fipmne 2 shews eth hys brode begynning, fpringing from the coote
2. of the great processe of pthygh, and at 3 be embeth
3 into a brode tendon, comired and aducted with the

tendons of the cyght and nighth muscle of mounna

4 the thynne, and thys lyne where 4 is, endeth in the forlybe of the thyghe, where as the eight mincle begrineth fratt to go bider hom. The erght mulcle of mouring the theme.

The sheweth allo the erght mulcle of moving the shorne, but he privately the weth the bought in who the numb mulcle of moving the shorne both settell him selfe, which hangeth forth here marked with o and the eight muscle boeth make the great feate of the bowt the feuenth (hapeth but onely fo muche position of bym as is firetched forth from the lyne marked with 4 but the madowe of the fenenth muscle





## . The fyfth fraure of Mufcles.

thuicle to that you that! binberstance thes bowe to refe from bothe the mulcles.

Lere pangery dut the fector mulcle of money the

In the thome on the fore parte, the bone of the Dune is lene clene without flefhe, for of al the mufcles compaged bym, here remaine no mobus the invice of freeching forth of great toe marked with a on whole femion you make fee written this ?. The fewenth mutcle of moung the foote.

The enght of mounng the fote.

The great flefbye lumpe put on the bpper feate of a the fore which is peupled mit foure flefber partes, bunging fouth the foure tendons of motionge the great toe and the the toes necte towarde the out

Dece o mulcle is calle bowne whych fretcheth forth Ω the foure linale toes, with his poicton, alfo before re

herled to be in febe of the apart mulite of mouying the fote, where on you le wipeten . I have fette no carracter on the mulcles occupying the backe feate of the flynne, bycause they both in nobre and order. are all one with those in the tables before. Ind for this occasionals you so the wife with himself the places of the thimse as of the himself which you have also lears ned in the lapd former tables.

## The declaracion of the markes and letters of the fixth table of Muscles.

De beade of thes lextetable is turneb ouer backward, and it sheweth
the neather chawe to be deupded in
mybdes of the sheade.

Dere we have cut aware a posetor

of the chebe bour, but A. Meweth the inferent of the mulcle of the temple into the tharpe procedle of the neather chame.

3 3mb & theweth the lapbe that pe procelle of the neas ther Jawe.

The lefte parte of neather chawe.

I mulcle bydyng hym felfe m the mouthe, whyche is graft in the inlyde of the neather chawe wherehe is brotheft.

The court of the wone pype hanging at the ende of the ruffe of the mouthe.

E The lefte carnell not muche bnipke an almon, let at the hpeft feate of the wynde pyppe.

Che tonges, but the bpper parte of the carracter endeth with the couering of the winde pripe.

H. In the place are myngled together manye mutcles ferupage to the mounges of the heade and the necke.

I. Dere haugeth frome his begynnynge the mufcle that draweth the neather Jame bomlimaros.

K. The thirde mounige of the Moulder.

La karnell growinge at the lefte live of the roote of

the impose accerpe where by the vopce or founde to made.

M The harpe accerpe where by the vopce or founde to made.

with their lydes to the tharpe arterpe, althought .:

the firste muscles of mounge the backe doe some what there them them felues.

r. South it is expedient to the feate of the biel, and the necke lyke to that whiche is the wed in the table folowing, we have by confideration thought good to expresse the mulcle, which is like to the mulcle of a dagge, which Galen booth speake of: inhych hanping hys begringing from o overthwart procedes of the countes of the necke marked with 0- is brought furthermore selling but the fourthe

PQ. tpbbe where he is marked worth P. and endong in a therme conerping tendon wheron Q is let, and yet be goeth fomwhat lower to certappe of the rybbes.

A muscle taking his beginning from the roote of the Choulder, which is the seconds of mouning the breste. The bone of the breste is here sene without polition of letter, and so are the rybbes with their spaces betwene, with & outward muscles betwene the rybbes alfo.

s And that you may them severally the better buders stande, s. sygnificeth the bone of the thyide rybbe, T.

TV. the griftill of the layde thyrde rybbe, and v. the out warde muscle betwene the rybbes let in the space between the thyrde and the seconde cybbes, whose

X thinne fapune is borne bowne to the full partes. X. doeth the we the outwarde muscle betwene the rpb= bes, and it is sene betwene the gristils of the second and the thride rybbes whole thenne farmes be catped bpwarde into the forepartes.

. The arterpe and the papie bider the bone of the brefte bone downwarde growing out to the byper

parte of the belly.

The ouerthwart muscle of the belly whome the endes of the upbes, and the region of the holy bone faltened to the leftely de, do perfectly circumscribe, but the meth the feat where the tendon of a mustle slopewise ascending, both most stubbernly growe

to the overthwart muscle of the belly, before he can clymine to the strayt muscle, cheweth & sharpnes

whythe the angityng together of the oblique musicle with the ouerthwart doeth begin, as the strapt muscles about pleate of the nauel, do open or gape towarde the breste bone together.

The hoole, whiche in men geneth waye to the feabe bellels.

A bepne and an Arterye comminge furth into the Grapte muscles and the places aboute the bealpe.

Here hangeth downe on the left fpde from the bone about the preup membres the Grapte muscle of the

& The popute of the huckle bone, belpucced from the fleathye partes of the two oblique muscles of the bealpe.

Aome let be returne to the lefte arme and p foulber pointe, where he sheweth the opper corner of the sappe shoulder pointe in whome the muscle marked with his grafte, and he shoulder pointe.

The higherh of the shoulder, or the highest processe.

of the shoulder popule.

The fitchemicle of mounings the arms.

The inner process of the shoulder popule appearings lyke the sigure of an anker.

The fourmer mulcle of bompage the tabyte, whole

. Estrachte stuggt drigge fes.

distribute heave, which sommeth from the upper happing of the cuppe of the modifier topate worth from the and a figure heave springings from the inner process of the shalve positive and that you make more etypently office the sinounit parts from the sealing marked in at the rights arms of the rable, in the worth on spencial the sinounit notice parte and she seally somether in the sealing states of the states also. I she worth the somming together of the two prades and stores the somming together of the two prades and stores the companie together of the two prades and stores the beginnings of the tensor terthologist states also be and store the worth the beginnings of the two prades and store the beginnings of the the tensor terthologist store in the store of the

A The longest must le of mouring the lesse bone of the cubre biole lipatiell parte that here mare besend

Doeth theme but " theweth the knortpinge of this bons of the leffe bone of the cubite.

The higher mustle of the two, that bipingeth the Lelle hone of the cubite bolombarbe. william ad not

The function of the cubite both matter.

The function of between the thereof both of the fourte fringers, and a likewish the heave of the music cle, and a the feate where the musicle is beuther into fourte firally e partes, which afterwards and tree one of them beingers fourth his tention, ferdere more, it is sene berein bothe the handes after what fallion the tendons of this music with the tendons of the music of the music passes between the source of the music less music passes and the fourth the tendons of the music less music passes and the fourth the tendons of the music less music passes and the fourth the tendons of the music less music passes and the fourth the tendons of the music less music passes and the fourth the tendons of the music less music passes and the fourth the tendons of the fourth the fourth the tendons of the fourth the f to the thirde space between the topnies of the fpus gerg.

2. A Bycaufe of better knowledge we have let 2 to theme the tendon that goeth to the there bone of the impole finger, and A the tendon that bowers

the feconde bone.

The muscle that boweth the seconde counte of the

Four fyngers.

Pou muste refer these karetters to ploue mustes to be broughte to the thombe, and they be stretched furth on the milde of the tendons that bowe the thyrde bone.

The muscle bowinge the thord bone of the thombe is noted with a but a putteth furth his tenden as mongel the muscles of bowing the four bone of the thombe and creppinge amonge those that bowe the feconde bone of the thombe. The greater muscle of bowpage the first bone of

the thombe bere boeth bange bowne from the kint

- The lefte muscle of bowpage the firste bone of the thombe, whiche was hylled under the greate muscle enarked with a.

  I muscle bowpage the firste bone of the lytte singer outwards, but the knowbe appearing the before the beginnings of these muscle, is the seate of the bygger bone of & cubite bynoing & week to the cubite, gatherings by the world to the cubite.

  The thirds muscle of mountains the chicke
- The thirde mulcle of mouning the thighe.
  The great procede of the bone of the thigh.
  The leventh mulcle of mouning the thigh.
  The lexit mulcle of mouning the thigh.

o The fifth musele of mountain the thirds.

If the erght muscle of morning the strattle to is suggestimality the public bone of the tright he is the web the large beginning of the muscle from the

Thewed the large beginning of the thicke front the roote of the greate procede of the thighe formaping furth at the necke therot, also II by it left. Theweth appropriate he holdwise in whome a minimum to the holdwise in whome a minimum the name of the holdwise in whome a minimum the holdwise holdwise in the high of the fleasthe parts of the mulcle, which twellengs tueth to like a halfe boule is been marked both to the of monters the flagme whole holdwise the fearth mulcle of monters the flagme whole holdwise the weet to the first and home their tendons come together. Sub that you mape the more commobiously toniber the fame, behold the feareth mulcle in the right knee to the

mape the more commodiculive toniber the lame beholde the fewenth mulcle in the right where to the amape from the tembor of the erighte multle, that a part of the commod body of the knee of treed from lefte to be fere marked with \*.

\* Thus feare is the fell price to be element to be of mulcles, impose the west from the bone of the tough a postion of the tourth mulcle of mouninge the things apparation of the tourth mulcle of mouninge the of the fourth mulcle of mouninge the of the fourth mulcle of the infertion, but is the touch that parts out apparation the appropriate.

Dere in the left figm, is lene at 6 outly be of the fight bone charts to lave that which is the outly be of the

bone, that is to lave, that which is the outlive of the buffealing parte before the infiction. Which it doeth al o thewhim felte in the crystic figure, but & boeth

properize note the ipgamentes of the Openne bone, and the hinder bones of the legge planare furth the anche on the open a fonder as the inches the anche on the out ippe at a puller impact of the inches out ippe at a puller impact of the inches out ippe at a puller impact of the inches out ippe at a puller impact of the inches out ippe at a puller impact of the inches out ippe at a puller inches in its factor inches in the former and the ipport parte, and in the inches inches in the former and the ipport parte, and in the inches inches in the inches be declared to the aries of the aries. innecallo where he perimeth toward the diete mib 4.3 4 the weth allo has four met deathy parte and shis

honder parte.

The engineering cie of mounting the fore, beringen areas parte of him by bilder the feuenth, emitted the tendon of thes mulcle, turned backetpard tarke

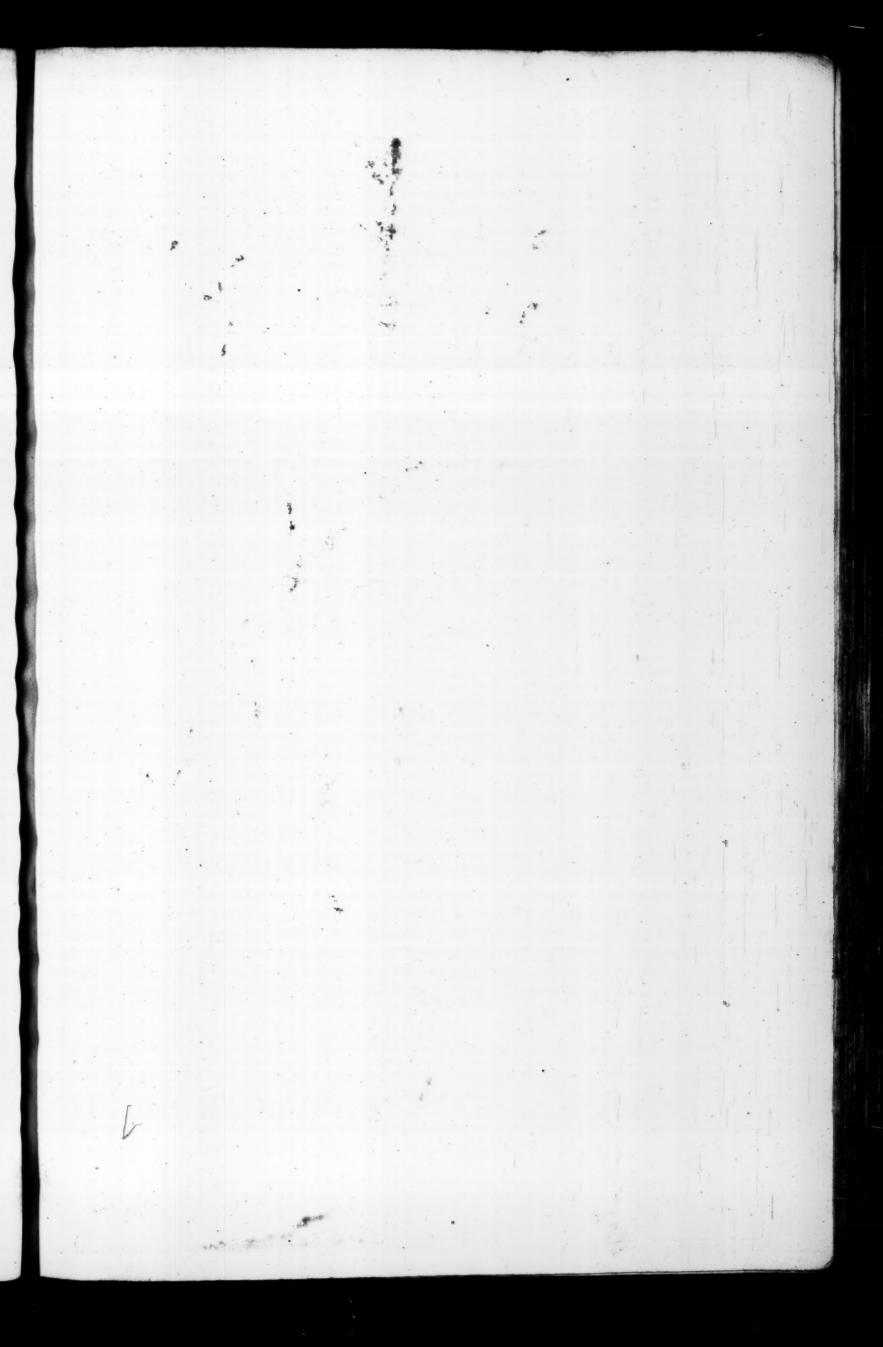
backe fpbe of the buerancle. 130101d al with the thre other toes nexte bym, be broughte outwarde.

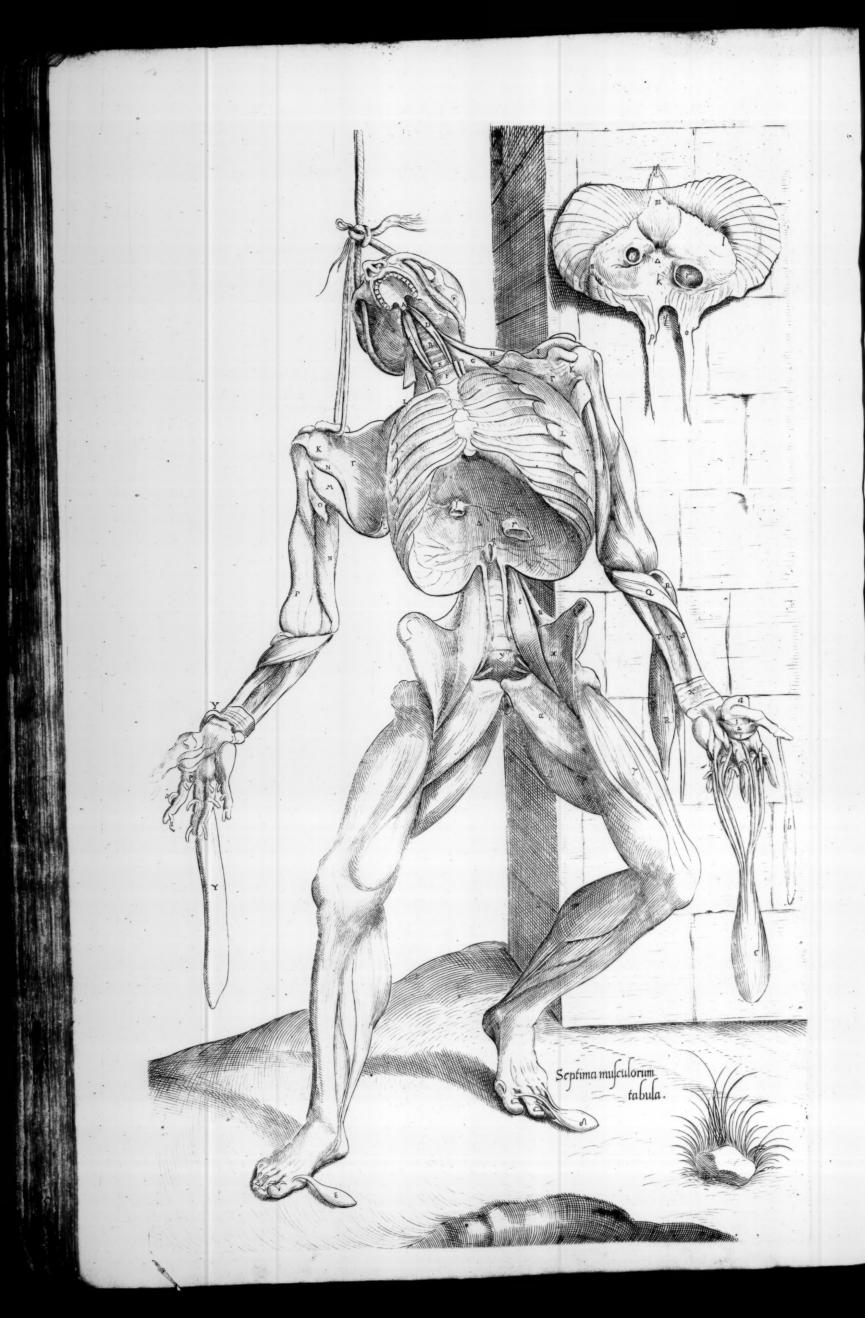
Dere leeth oute the mulcle of firetchenge furth the great toe.

Derein thes feate theweth him felfe the multie of bamapage the lytle toe outwarde.

The seconde muscle of moupinge the fore.

Thave set no notes here in the backe parte of the right spane, bycause all the table govinge before baue exactly the weal to manye as are in this seate here described, whereare, such as require notes here, let them resource to the spare, the seconde and the appade tables before, where they make but boundauntly sattliced, this occasion to be described in a table solongaph, by whom the greate too is not used in a table following, by whom the greate too is not used in a table solongaph. The feconde mulcle of moupinge the fote! as la





## The feuenth fygure of Muscles.

The interpretacion of the Karac. ters of the sewenth table of muscles.



De seventh table of muscles, the coade beynge loused frome whence it depended in the payntyng, it falleth only downe backewarde, fo muche as sufficeth to see the myd-Dipfe, which in this preset table you

mape fee paynted at the lefte lyde, hauping the fame fourme as when it was cut oute, and pou mape allo fee, howe by hys curiousnes, he cleaneth there to the wall. And & the ryghte arme in maner of a broken wynge should not fal downe backewarde we have in thys forte hanged hym by by a corde, that hys holowe lyde also myghte the better be sene, to the perufer therof.

The corner of the wonde pype hanginge furth fro the ende of the rufte of the mouthe, b neather Jame bepnge btterlye taken awaye.

& Certaine bodyes of the tournynge ionntes of the necke.

Co The fysite payse of mulcles of moninge the backe. Parte of the flomacke of the throte hydde bider the Charpe arterye, why che we have marked wyth

F F, but the bessels whythe be at bothe sydes of hym, is a heape caused by the Arteries of Aepe, with the inner varies of the necke, the knittinge together of the fyrte papie of linotes of the brayne.

Another muscle of the seconde payze of mounge the backe.

H. The thyzde of mouing of the Choulder. The fifte of mouinge of the arme.

The syste of mourage the arme, whose insertion K doeth she we, & rest of hys shape is sounde out of & shoulder, serdermore KLAL coserred together conflitute on thys muscle the fourme of a treangle,

L, L The feconde mufcle of mouinge the brefte.

M The thyzo of mounge the arme.

N, N The muscle of thrustynge forth the cubite whose beginninge with the upper N is brought from the Moulder popnte.

Portion of the tendon of the fourthe muscle of mo:

uinge the arme.

The latter muscle of mouinge the cubite.

The upper muscle of bringing the leffe bone of the cubite downewarde.

The fourmer muscle of bowing the cubite.

The leffe bone of the cubyte. T The bygger bone of the cubite.

A ligamet going betwency leffe a the bigger bone of the cubite, goynge there betwene the two bones where they do open a londer.

\* The neather muscle of mounge the lesse bone of

the cubpte downwarde.

7,7 from the lelle bone of the cubyte on the ryght five, whiche beginge left by higher with all the extreme hande then is the lefte hangeth, the longer muscle the bringers of the fayo leffe bone of & cubyte bp:

The lefte mulcle of bowynge the fysite bone of the

1,2,3 with these thre haracters the muscles of bowpinge

the feconde bone of the thombe are marked. Dere hangeth downe the muscle of botting & thirde

space betwene the toputes of the thombe.

a muscle whiche is the causer of bowinge the third bone of the foure fingers, whome pf you diligent-lye beholde you shall percepue certapne muscles communge to his tendons, whiche bypage the foure fyngers to the thombe, amonge whome he that moueth the forefinger is marked with & cleuinge frome his infertion in lyke maner as the other thre. but the postions of the rendons of the muscles that boweth the seconde bone of the foure fyngers, be yet kepte frome thence . is lette on the postion belongpinge onelye to the forefinger and f boon the

f tendon of bowynge the thyide bone of the forefyn= ger, f but the infertions of those forelapde muscles are fene in the ryghte hande, and & theweth in g the forefynger the infertion of the muscle whyche

bapageth the forefpinger to the thombe and b the infertion of the muscle of bowpage the feconde bone and i hys infertion that ferueth to the bowing of githird bone. The breft of this preset table in so muche as pertagneth to the muscles between the rybbes, answereth in althinges to the table before. wherfore we have not thought best to bestowe here= on ouer many karacters.

The mydapfe whole coueryng circle is circumferibed, the fayo mydzyfe beyng spzed abzode wythous

the bodye.

k.l.m k.l.m.n. That whyche is here without, compassinge thefe letters aboute on the oute fpde beinge inter= medled with fibres or smale theme coverences is the fleashpe parte of the sayde myddipfe.

of of shewe two lygamentes of tendons of the mid= tyfe beynge grafte in the bodyes of the topntes of the lopnes, and 1-theweth the cleafte of the mydryfc where it leeth on the bodyes of the toyns tes of the backe, fendringe over the greate arterpe and the bayne, whiche is a bone whose necke or mouthe oz begynnynge g adfixed in the bodge of thes table doeth thewe, as he doeth the braunches like wile of garterye running furth into & mydaple. A hoole makinge wave to the stomacke, whiche is

marked with-rin the body, A hoole makinge wave for the stalke of the holowe bepne sene in the bodge marked with s.

The forte mulcle of mounige the thigh, The ninth mustle of mounge the backe.

The fewenth muscle of mounge the thigh. The holpe bone is here marked, and here mete cers tapne fynowes brought from the marye thereof.

The enght of mounige the thigh.

The fifth of mounge the thigh. The enght of moung the Chyme.

the muscle of mouynge the great toe frome theo: ther toes.

Here also hangeth botone from his insertion a mus culous heape bringpinge the greate toe with & thre other toes nexte hym outwarde. And they that time in the Chymnes of thes prefente table, aunifwere to them, whiche were fene in those parties in the for-

### The englit fraure of Muscles.

#### The interpretation of the karacters of the eyghte table of muscles. tiridi vili

Apps is the latte of the tables of express lynge the fore parte or face of the boope, haupinge pet some of his muscles outhe foreparte putting furth the other accou dynge to the oader of infition. And bycanfe the umer mulcles between the robbes and those that be at the insyde of the brefte at the sydes of the breft bone, myaht the better be percepued, we have cut a= wapethe land bone, with allo the griffels of the epbe bestournynge it ouer on the ryghte lyde, belide the rightelegge, where you maye fee it fette oute bidet the forefinger of the right hande,

, B The mulcles of bowinge the necke, the bpper parte of the backe, and the first topsyinge together of the

muscles which do bowe the backe,

A mulcle franging from the first ribbe, and is one

of the feconde payse of mouing the backe. The outward mulcles between the cybbes, be here fene, in the spaces between the bones.

E,E The imer muicles betwene the ribbes, metyng to. ther in the spaces between the bones.

F,F A mulcle grafte in the erghte rybbes of the brefte, and is the feconde mouer of them why the domoue the breffe.

G Bere are both the Moulders according to the order ofenttyng naked, buthout fleathe, and removed als

fo from their feates,
H Dere hangeth dolume the muscle that tourneth ouer the aune forwarde, occupiynge the holownes of the

Thoulder, to attempte upper angle of the roote of the floulder, and is the third of ins mouers!

- T' The hinder mufcle of bolyinge the cubyte, whole higher and otter parte of hys begynnynge is mar= z, W ked with Lyhis lower and inner parte is marked mouth M, and the infertion of thes innicle, is thewed The lelle bone of the cubyte.

The bygger bone. A parte of de tendon of the fourmer muscle of bos

Here hangerha muscle from his infertion, which is the bppermofte of mounge the leffe bone of the cubyte downwarde.

s Derehangeth mulcle fro the bygger bone of the lesse bone of the cubyte downwarde.

T.V This leate marked with T is the ligament of knit-

tynge the weeke to the cubyte, and it appeareth

more thicke where y is let.

\* The muscles hanginge from their insection, which botoe the seconde space between the toyntes of the 1,2,3.4

A After the welle are enghte multles, whiche coulde not be otherwise expresse, of bowinge the first topns to be of the foure fringers, but the right hande is let furth to be and paynted spoe wise, that the muscle marked with r myght the better be fene, which bos weth the first bone of the forefynger inwarde.

The lyrte mulcle of mougage the thygh, whole be=

gynnynge procedeth from the fountes of the backe where he is marked with a and b theweth the feat where he bearmeth to barnige furth his tendon.

The feuenth muscle of moupnge the thigh.

The night muscle of moungethe backe.

The holpe bone frome whole former holes be fene certapne spnowes to go furth.

The fufth muscle of mounge the thigh, but of the= weth patuatly the latter of hinder part of this mus-

cle, and the former parte. The former leate of g bone about g pring mebres, made bare on this lide, or without fleath according to the order of cuttynge.

The north muscle of moung the thigh occuping the former feate, of the hoole in the bone about the preupemembres.

In the left kne are sene the tendons of the scuenth  $\Omega$  mulcle of mounge the thome, marked with g of g the eight marked with b, and of the much marked with i, tourned ouer from the knee with the whirle bone or patell theron marked with k.

In the ryghte legge the cyghte mulcle of mournge the Chymne hangeth alone wholpe downe from this insertion marked with 1, conservinge to him the whirle bone, on whom k is set.

The former leate of the thinne bone deliucred from

all his muscles.

The former feate of the hynder bone of the leage " Delyuered from all hys mulcles after the order of

. There is noted a lygamente put betwene the bone of the Appeneand the hynder bone of pleage, where bothe the bones do open together.

The mufcles whiche are fene here are those whiche were expressed in the sprite table of nucles with  $\phi$  and  $\psi$  and they be the lettenth and eight of most uping the fote. In the opper leate of the fote are nowe no mulcles, saue onelye the bones appearing there, why che are compassed aboute with ligamen= tes whyche doe there appeare, but the muscles behereto be taken awaye after the ozber of cuttynge, and pg thewe the fyile and the feconde moupage of the fore, from the fourth, muscle beynge author , of the same mounge marked with , haupinge let furth thes karacter /, with whome the tendon of

and peculierlye marked. Dere runneth furth part of thes muscle of bowyng the thyade toynte of the foure toes.

the thyrde muscle of mouninge the fote is properlye

Dere the fyfte mulcle of mournge the fote Doeth Darckipe offre him felfc.

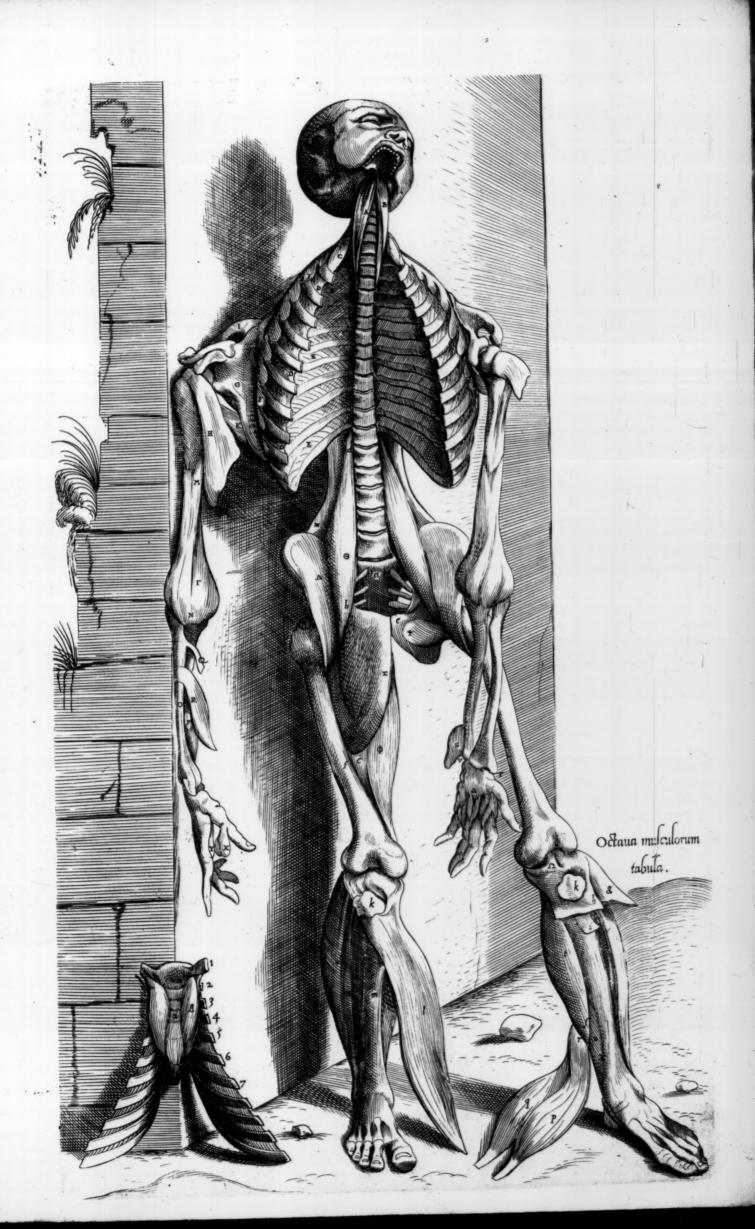
The hynder bone of the brefte, or the feate agaynft the hearte.

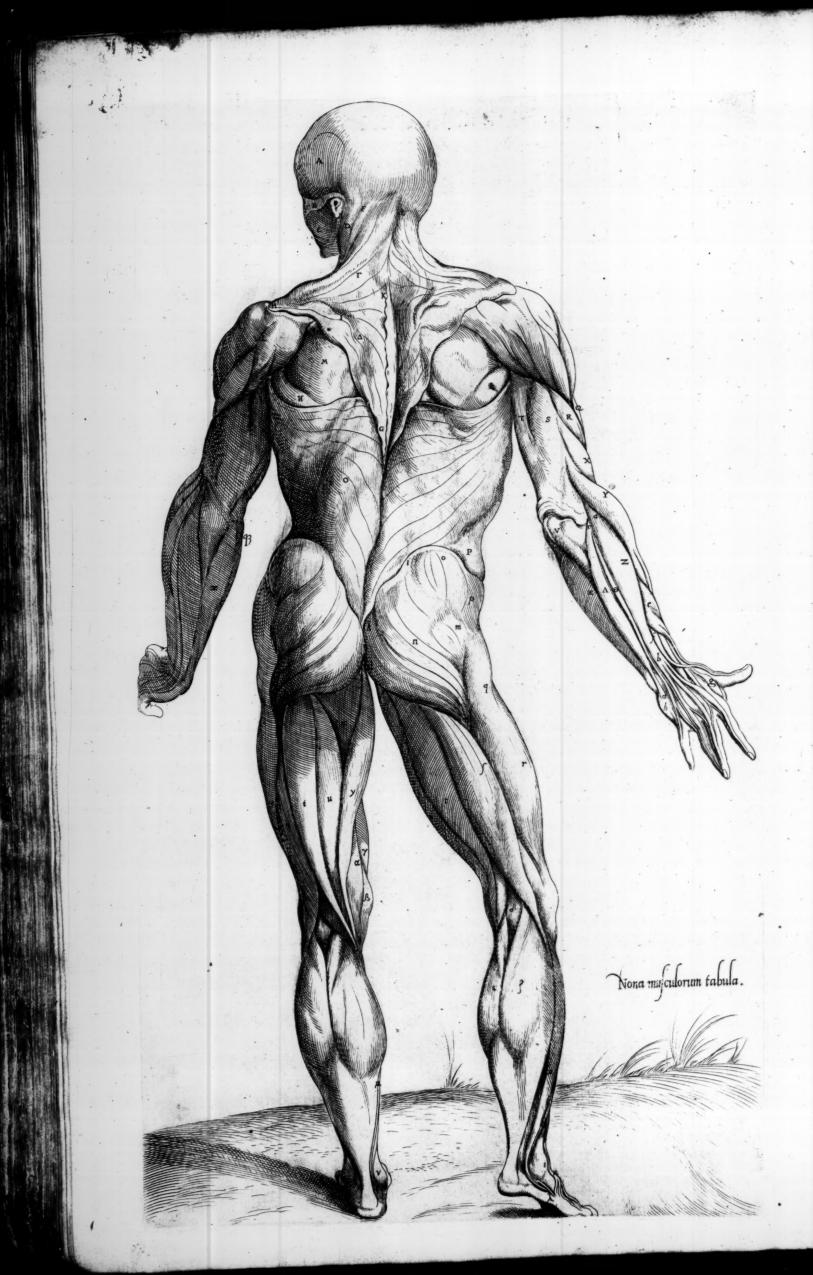
with these haracters the feuen griftels of the true rybbes are ficined, but the other foure are the gryftels of the eygbt, the night, the tenth, and the 5.6.7. eleuenth rybbes.

F The fyrte mulcle of moupinge the bret of a man,

appitie. W. 2. Com (6) austrondergastaffe.

The declaracion of the markes and letters of the nynth table of Muscles





## The nynth froute of Mucles.

bles expressionge the backe parte, and is in order the north. And of you compare these tables of describinge the backe parte, these tables describinge the former parte, this may then be of thorde or of fourth, for it sheweth as yet no muscle cut of, but those whiche the thorne seasy economic cut of, but those whiche are like wife sene in the thirde table, furthermore, we have here cut awaye the overthwart lygament set by the wreste on the out side of the cubyte, by cause he is righte well sene in the first and the second table, and therefore we have prepared this table as an introduction to the reste.

The muscle of the temple.

C The Jawe bone. The hoole of the eare with the karnels boder it maye be sens withoute afficion of karacter.

The muscle of mouinge the heade, springing from the breste and the canell bone, and grafte into the

fuke bone of the heade.

herled amonge & mouers of the shoulder, who hath his begynninge frome the bone in the backe parte fe of the heade marched with E and F and E buto G

6 Cheweth the begynninge of the muscle from the backe parte of the heade to the englite ionite of the

- H.I brefte; springing as it were from the middle topntes of the backe, and HI boe points the insertion, which the present muscle attempteth in the height of the shoulder, and where it is some what brode of the canel bone; \* Juthis seate this present muscle \* optenich as it were a thinne concerning sempcircle,
- other his fleathy thinne Chynnes doende in the cyz K cumference of a femicircle, K Juthys parte gnecke is committed to the heigth of the breft, but the lines og letters & circumferibe thys mufcle are gathered together after thys forme, that is to fave from E bit to F. The firste parte is brought furth ouerthwart to the hynder parte of the heade. And that his extremite noted with f is not here sene to differ from the rote of the eare so much as F doth differ from E, the cause is hys flyinge frome the eye, whyche the lefte arme fretched out forwarde, as you fee Doeth eurdentlye thewe, where as some man not hauynge knowledge in the optikes or indgemet by the eye myghte thyncke it thorter then of trueth it is. fur= thermore, the feconde lyne of thes prefente mufcle ts measured from Bby K bnto G. The thyrde from F buto H. The fourth frome H buto G, and with these lynes thys muscle is ended. Item in the lyne of his insertion goynge frome L to K is in no wyle founde any note of separation.

The mulcle of lyfting by the arme, a is the feconde of mounting the fame.

M a muscle occupyinge the knobby seate of the shoul-

N, A muscle commung out from the lower ribbe of the Moulder, whyche is the thyrde of mouynge the seme.

o The fourthmustle of mouinge the arme, and in the 1, k, 1, m, n. cable followinge he chalbe marked with .

P Jothe ryght lyde of thys table P doeth thewa poz-

tion of the mulcle of the bealp, which postion we bo cal the oblique and flop wyle discender.

2. The muscle of bowping the arme, is there somwhat sene on the ryathe arme.

Che latter muscle of bowing the cubite,

a mulcle beyinge one of the authours of thullinge furth the cubyte, whole begynnynge hangeth from the necke of the shoulder.

The muscle of thrustynge furthe the cubyte, whose begynnynge spryngeth from the lower rybbe of the

moulder.

The thre angled leate of the bygger bone of the cubyte, being bare or couered with no muscles, receptings chiefely his insertion of the smowie insertions of the muscles, whiche doe stretche furthe the cubyte.

The muscle of puttinge bywarde the lesse bone of the cubite, and is graft in the neather appendance

of the land leffe bone of the cubite.

r A muscle stretching furth the wiest, with a forked tendon.

Z whiche is the beginner of the firetchinge oute of the forefynger, myddle fynger, and rynge fynger, whole begynneries noted with and hys

I leate where he leaueth to be fleashy with b.

I wyll nowe speake of the muscle beynge the austhour of thrustynge oute the lytle fynger, the committeen of his tendons of the muscle, whiche is she

wed with Z we have here left the furth as it doeth appeare often buto bs, a of the mulcle marked w . whiche committon is at the rote of the lytle finger.

The muscle stretchinge furth the wreste whose begranging commeth from the shoulder marked with
and hys insertion is showed with 4 on the bone at

the backe lyde of the week, and he ferueth to holde

bp the litle finger.

Here in both the cubytes a muscle is marked with a bowning the wieste and grafte in the eight bone of the same, being there moore better perceaued then in any other table of muscles. Lyke as the begynninge of the muscle of bringing furth the brode tendon of the hande is here sene at this ka-

racter 4 with the begynninge of the muscle of bowing the wieste graft in the backe part therof, and is goodlye set furth in the thyrde table of muscles

with A

e Abulcles crepynge furth thys wave crokedlye, of whome the one grafteth a tendon into the bone of the wieste, whiche beareth by the thombe, another offereth his tendon, to the sirste bone of \$\tilde{g}\$ thombe, graftynge and knyttynge the thirde tendon into the second and thirde bone of the thombe.

f a muscle grafte in the thre bones of the thombe on the outside, tourning over the thombe toward the

fozefynger.

Amuscle bypngynge the thombe nyghe to the foree

The muscle that byyngeth the lytle finger frothe

II otherfingers.

The first muscle of mouig & thigh discribed about with i.k.l.m.com. so & i buto k.noteth part of hys beginning springing frome the popule of the huckle bone, and k buto ! the weth parte of his beginning

## The tenth froute of Muscles.

from the bone called Coxcix or the hyppe bone hang also the lefte muscle toucheth the ryght, " theweth the hyghe parte of hys infertion, and nthe lower parte, whyche because amonge the muscles of mournge the Chynne he toyneth and deapelye hydeth hom felfe energe parte of hom is not fene.

The feconde muscle of mounge the thigh, beinge for the moste parte couered buder the first.

The frete muscle of mounge the flynne, who do= eth Degenerate into that broade tendon, whiche is bewrapped with the muscles that compasse aboute the thighe, but he is not fo thicke but that the mula cles bider bim maye ryghte wel be fene.

The ende of the fleallye parte, of the muscle befoze

noted with p. The sewenth muscle of mauyinge the Chynne, coue= red with the thome coveringe tendon of the forte muscle of mounge thelhyime.

The fourth mulcle of mouinge the Chinne, put into

the hynder parte of the feuenth muscle. The thy we muscle of mounge the Chynre marked in both legges, lyke as certapne other folowynge.

I mufcle whych we have in the place of the fift moupnge of the Chinne.

And here appeareth a postion of the fifte mulcle of moupage the thighe.

The feconde mufcle of mounge the flynne

The fielt muscle of mounge the Chynne. The enght mulcle of mounge the fhome.

The nynth mulcle of moung the thymne.

In the bowte the arterpe comminge to the Chinne with also the greate beyne of the legge, and the greatest og thyckest synowe of all the bodye are conueped or carped.

The first muscle of mouinge the fote. The leconde mulcle of mounge the fote.

The leuenth mulcle of mouinge the fote. The eygte muscle of mouinge the fote.

A parte of the lefte bone of the thynne and also the outwarde ancle without fleashe.

Here is somewhat sene a smal postion of the nynth muscle of mouinge the fote.

The musclethat bayngeth the lytle toe from the o:

Dere is noted a tendon in the left calle, of mounnge part of the thyzve muscle.

The inner ancle.

#### The interpretation of the karacters of the tenth table of muscles.



Hysisthe tenth in the respecte of al the tables before, and the fecond of expressions the backe parte. And in the order of cuttynge it myghte wel folow fourth. In thes do des pende certagne mulcles of the ta-

ble befoze, beyng taken away fro their begynnyn= ges. Ind here likewife are fene certe muscles which mno wple thewed the felues in gtable before. And amogeft other o mulcle is here taken away , which in the nonth table we marked with I a bycause he couldenot by hanging downe in ange place expresselve thewe him felfe.

The righte muscle of the fratte pape of pmouers of the heade.

The ryght muscle of the seconde payze of mounge the heade.

The thirde muscle of mournge the Choulder.

The canell bone.

The thirde muscle of mounge the breffe marked in the table folowynge with F.

The fourth mulcle of mounge the Coulder whole foure lydes by roude belet with G,H,I,K. The fifth muscle of mounge the arme.

L The highest parte of & Shoulder or Shoulder poynt? The feconde mufcle of mounge the arme, whiche we have dilygentlye circumscribed in the backe

feate of the body of you do know to be infertion or knyttynge in of the muscle for P.N. 60 do circums N.O fcribe the endes of confines of the fayd mufcle lyke a triangle, his fourmer parte is lene in the fourth table of muscles marked with Z.

The fyrte mufcle of mounge the arme. The thirde muscle of moung the arme.

In thys feat certayn muscles of mourng the backe are stretched furth, with also the fourth of mounge the brefte.

This muscle the second table thewed marked with T, and it is he by whole benefite garme is brought bownewarde towarde the backe beynge also the

s,T fourth mouer of the lame. SoThew the longitude y of thys muscles begynninge, "theweth the parte nexte his infertion, whiche cannot here be thewed but in the sementh table where he is marked with of

x he is formwhat percepued, and & the weth his fibe at that place, where frome the huckle bone he leaueth to springe any moore fourth, the spres of this mus-cle are circumscribed from sto T then from Tby X

r to V furthermore frome sto V, but I Chall note the neather angle at the rote of the foulder there fwellying forth and covered with the thirde fyde of the muscle.

Z a postion of the oblique muscle of the bealy descens dynge of the Abdome or Mirach.

A muscle bypnging his begynnynge fro the lower rybbe of the shoulder and is the thruster furth of the Moulder.

A muscle brynginge his begynnyng from the necke by the heade of the Moulder and is the authour of thrustinge furth the cubyte.

. A postion of g former muscle of bowyng g cubpte. a portion of the muscle of the breste of bottoping the cubpte.

The longest muscle of puttynge the lesse bone of the cubyte bpwarde.

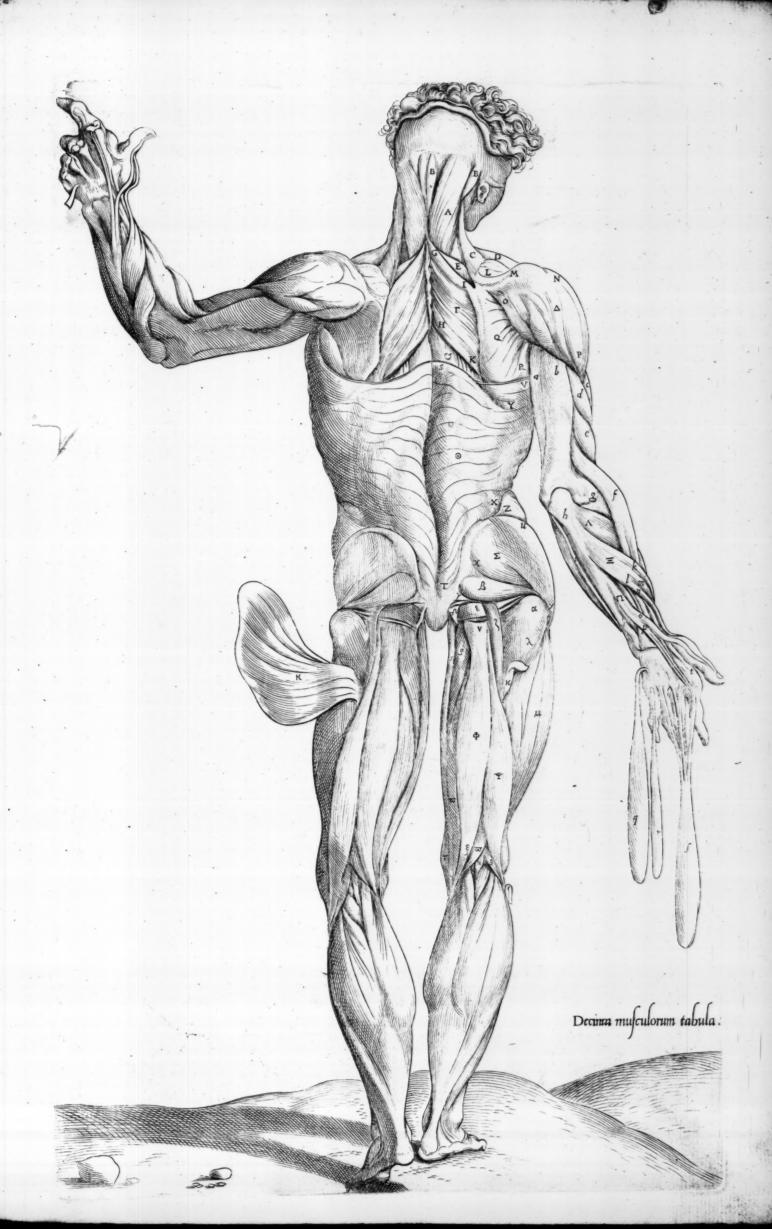
The mulcle of fretchpage furth the welle with forked tendon.

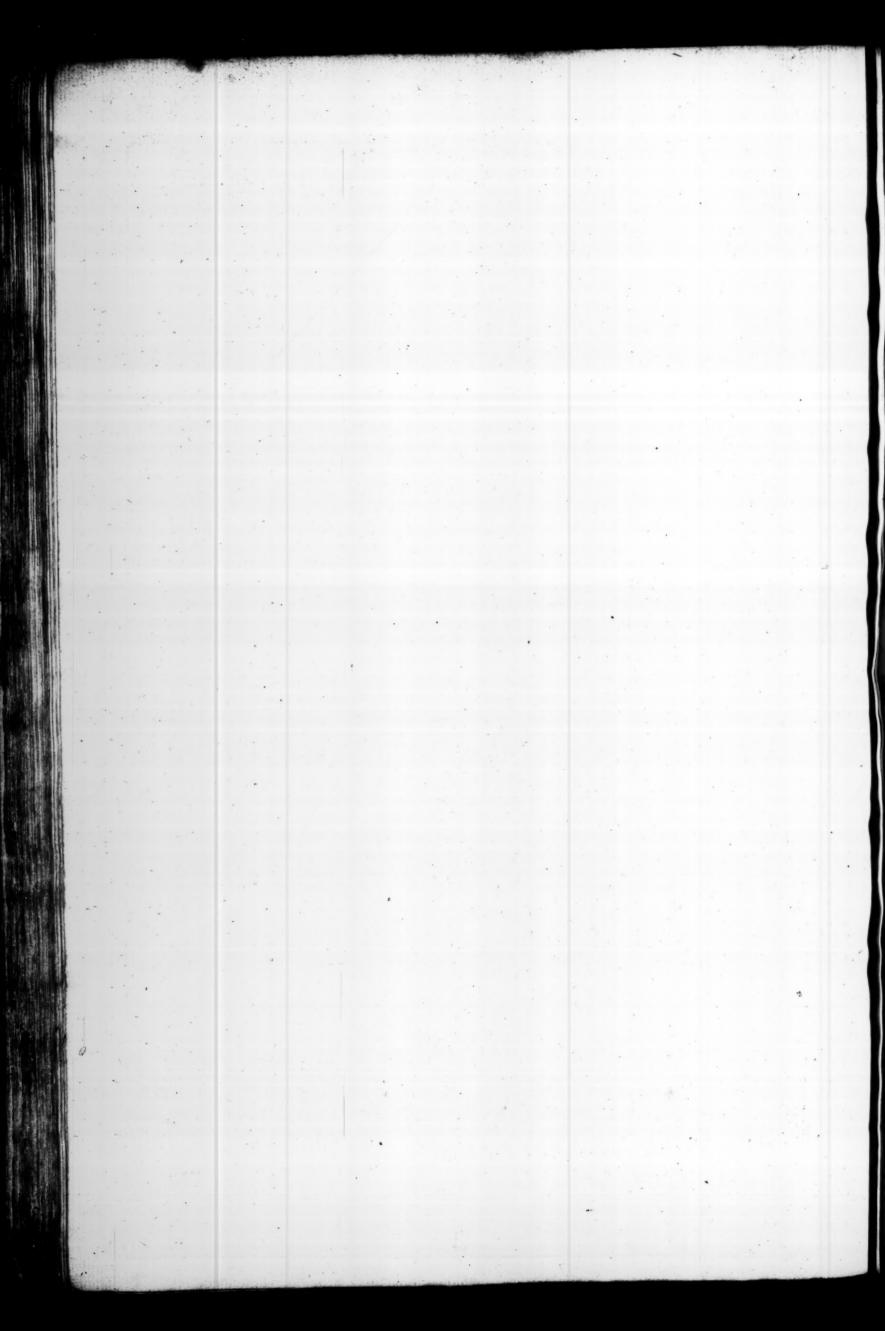
In thes feate is fene a thenne couerunge ligament byndynge by the byper part of the leffe bone of the cubyte to the Moulder.

In the feate the begger bone of the cubete is fene without fleathe, or delivered from his mulcles.

The mulcle of bownge the brelle, whiche is graft in the enght bone of the melte.

Thele.iii.karacters note.iii.beginniges of mufcles Descendynge frome the bygger bone of the cubyte.





### ... The tenth fygureon Musles.

The typhe marked with A is graft in flelle bone of the cubpte before the impole of this longitude, a to the thorrecumulate of bryngpinge the kelle bone of & cubyte byward. The feconde marked wyth Z is deupded into two partes noted with kand land Liklygnifieth that parte whyche lendeth furth hys tendon to the bone of the weete night o the fuftey=

nour of the thombe, and I theweth the neather part deupded in twayne, the one graffeth into the fyifte m bone of the thombe marked with m, the other mars

\* Red with a implanteth in the feconde and thyede space between the topntes of the thombe . Ferder= more the thyrde begynnynge marked wyth II is al= to parted in two partes marked with o & p whereof the oppermore marked with . is grafte in the thre

bones of the thombe, and the neathermore marked with p is he that bipngeth the forefynger and the impoble finger awaye from the thombe.

Here hangeth furth a muscle from hys begynning whyche stretcheth furth the wreste with one tendon

. And nexte the chiefe authour of thullpage the lytle fynger is marked with , lyke wyle as the mulcle that thust oth furth the forefynger, the myddle finger, and the rynge fynger is marked wyth f.

I muscle byinginge the thombe nighest to the

The feconde muscle of mounge the thighe, whose fpipingpinge furth fomwhat lyke the foune of ale-

inpetrelen & w bo note. Althoughe " pf thes prefente table were tourned moze on the lyde, oughte to be the infertion of thes muche lyke as ux 67 do befet the whole muscle.

The greate a outwarde procelle of the thighe. The fourth muscle of mounge the thighe.

Alpgament commpnge from the ouerthwart pro: celle of the faft bone about the holye bone and go=

pinge into the farpe processe of the hyppe bone. A ligament comminge frome the lapde leate of the holye bone, and graft in the latter or higher feate of

the appendaunce of the hypbone. The tenth muscle of mouing & thigh, which turned ouer this way from the backe lyde of the holy bone, thewethas it were another muscle affyred to hom both about him and beneth him.

Bycaule this feate Chalbe lene as well in & next Table folowinge as in this: we have not cut away from this table the fonow most to be marked of all the other fonomes of the bodye. That is he, whiche we well numbre to be the fourth of them, whiche go to the thigh, which thalbe the weth in the fift a firte table of fromes with. 71. And this present synowe whole ledyinge furth and order we have thoughte to muche to be confrozed is he by whome the humps bitte runneth downe to the fete, euen frome the ams plitude of the brayne panne throughe the hoole in the toyetes of the backe orderned to convey the mascer therof the whiche often tymes many have felte to cume bolone who the legges some lyke warme water, and some lyke colde . And therefore we have thought it so much the more commentent to thewe the billribution theref with most dilygence, for so much as I have fene in type duce tyme manye diseases

almosternot to be numbred, whiche come by the bei fluxion of the humours buto thes fpnowe. Thes Came fynowe you halle fee on the backe part of the thighe in the holowe bowght of the hamme marked with kalthoughe that \* boeth properlye theme his greatest portio which though it be spred into many braunches pet boeth the chiefe parte of hom fall

bowne to the neather parte of the foote betwee the heele & inner ancle, & theweth & lefte parte of poztion of this fynow where he is deupded in & bought of the hame two wayes, the moste part of hym bes ing freede into the mufcles occupying the fybe & the former feate of the Chynne, which ought with no leffe labour to be earneftly and biligetly observed . then any of the other synowes of al the whole body. and of there were no other caule, but that in focke men, both hote and burnpng medecynes are fo often there to adfired. And belyde thys allo that phi= ficious thall herby well knowe and percease, the place where to those aduryng and correspoe medy= tins (houlde be lapde, it (halbe allo profytable and a goodly thynge to were and thewe the matter how the bleer when it is adured by the ftrength of the medicing Choulde pourge out the humour whiche runneth by thys fynowe. And thys bleer fo adured is thewed here to be nyghe to the braunche of thys from whych is noted with a. which of it be made any lower then the bpper appendaunce of the hyn= der bone of the legge doeth confeft, the fynome can in no wpfe be touched. I woulde wapte moze of this but that I woulde not confounde the partes of the lciens of philycke.

You Chall fe in both the thres thys letter x notyng the fysit muscle of mounng the thygh, whych in the left thygh is wholy turned ouer from hys place and fastened onely to the bodye at hys infertion, and in the ryghte thyghe he remayneth where he is byg= ger og chiefelye fene, but where you fee ahe is ten-

Derlye grafte in, after the maner of a thome coues

The leventh mulcle of mounge the thigh not coue red anyemoze with the thrune couerpnge tendon of the lyrt muscle.

The thyede muscle of mounge the flynne, whose heade is marked with , the feate of him bignging

the there frate tendone is marked with t. The on buder this karacter 3.

The fourth mulcle of mounge the Chime. w, w The fyfth of mounge the fipme.

e a postion of the fifte mufcle of moung the thigh

The feconde of mounge the flynne.

7 Portio of pepght mulcle of moung & thin, & firft of mounng & Chon beynge cut away, whiche otherwife fould have ben fene here in the arcle. Ind fo much as appertepneth to the mulcle let on & Chynne athe fore, all boeth agre to the table before, as it boeth to the twelfe fotowynge, whyche table we shall fet mith karacters there confernynge thole bere.

The interpretation of the karacters of the eleventh table of mufcles. sile of the

## The elementh tygure of gouldes.

De lefte muscle of the fuste pappe of mouninge the heade. The seconde paye of muscles of mouninge the heade marked onely with karacters on the lefte ly be.

Dere goeth furth a mufcle Darkly, by whose benefite we bapage the neather Jawe Downewarde.

The thyrde muscle of moupage the Moulder.

The canell bone.

Dere hangeth a muscle frome the shoulder poynte, grafte in the bone lyke this vletter.

The thyrde of mounge the brefte. The fifte of moupinge the arme.

A muscle occupying the roundenes of the Mouldet buder the popule thereof, whiche is the lypte of mos upnge the arme, whole begynnynge is mealured

from H bnto I the leate of hys infertion is marked with K and fo with H I, & K he is belette rounde a

boute in maner of a triangle.

A mulcle takyinge hys begynnynge from the lower rybbe bider the Choulder, and is the thyide of mo-

uinge the arme.

Here the feconde muscle of mounge the arme, de= lyuered from hys sprynginge furth, is bowed all the whole parte of it forwarde, whome the table nexte before dyd fette furth with N,0 GP. And fo the inner seate of the muscle where he lyeth to the ionnte of the Choulder offreth hom felfe to be lene bernge as it were the top of the triangle, to whose funilptude they discribed & begynnyng of this mul N cle, where Nis, is that parte of the muscle that was nerte the roote of the Choulder. But a Me weth that parte whole begynning dependeth from the toyut at the toppe of the Choulder and the canell bone. Ferdermore, of you well pmagene o to be that part of the mulcle to whome the canell bone doeth gene bearnnpage, you shall percepue and buderstande the bearmynge of thes free mulcle bernge oute of hys feate to theme lyke a blunte pointe or comer, as the fygure bider thys cleuenth table drawen out boeth beclare and shewe in that place, where the inwarde place of the muscle is sette furthe moofte nyghest buto the opite. And the begynnyinge of thes mulcle is flewed here with A.B.C. that is to lay from A.B at the toppe of the Choulder, is the poltion of hysbegrimpinge diftendinge from the foul; ber pointe, from Bocthe other parte of his begins

The mulcle afore reherled belyuered from al his feates from whence he broughte hys begynnynge and hangpinge onely from hys infertion at the right arme, theweth well thes ouerthwarmes made on

nyinge belonging to the canel bone. And lafte of all o the weth the leate of hys infertion, and for fo much

as pertagneth to the blume toppe of the tryangle,

pour maye fee & to be let lower then Ac with whiche kavacters you that perfective beholde a playne :

the Moulder.

The fourth of mounge the brefte.

The eleveth muscle of mounge the backe.

The fiftene mulcle of mouning the backe or f one of the erghte payre of mouning the backe, we have marked with thele baracters, Trimo of the cybbes

which are here bucouered according to the order of cuttying and "theweth the spaces between the sapperbbes that the querthwart mulcle of them why the are betwene the rybbes myghte be lene,

The feconde mufcle of mougnge the brefte.

The fifte mufcle of moupage the brefte.

The barcke conerynge begynnynge of the oblique or flopwyle ascending muscle of the bealte, com= mynge downe frome the toppes of the backe bones betwene 466.

Dere hangeth from his beginning the fourth mul-

cle of mounng the arme.

The mulcle of thustynge furth the cubyte whole 4 begynnynge marked with 4 is broughte frome the netke at the toppe of the Moulder, gopnge there to the toynte of the Choulder. And . Cheweth hys feate where this mufcle can be no moore diffenered and knowen from the other mulcle of thullynge furth the cubites to be marked here after to f than it is. I muscle of thaustynge furth the cubyte comminge

downe from the lower ryb of the Moulder & going toacther with the mulcle marked with @.

The latter muscle of moungethe cubyte. b,b The longer mulcle of bayinginge the lelle bone of the cubyte bywarde.

Amuscle ftretchyng furth the well woth a forked tendon, whose begynnynge is marked with ithe feate where he bringeth furth his tendon with Land

the infertion of his tendons are marked with The Moster mulcle of bringing the leffe bone of the

cubyte bywarde.

",0 \* the leffe bone of the cubyte. . the bygger bone of the cubpte. And in the impole between these bones is a lygament, goying betwene all a longe the layde two bones holding together, where thele bones do open from ethe other.

The seconde bearming of the thre bearninges! whych taken they begynning eucry one by him

felfe from the bygger bone of the cubyte, pisthe parte of hys begynning, that offereth the tendon to g the wreste, and g is the marke of the tendon graft in the fraft bone of the thombe, and a is the marke of the tendon that implanteth in the leconde and the

thy de bones of the thombe.

I and here hangeth from his infertion the thyrde begrammage of them that frigge furth from the big

ger bone of the cubyte, ' noteth his portion that is attributed to p forefpinger, & pmybble fpinger, and " the parte which is proper to the thombc.

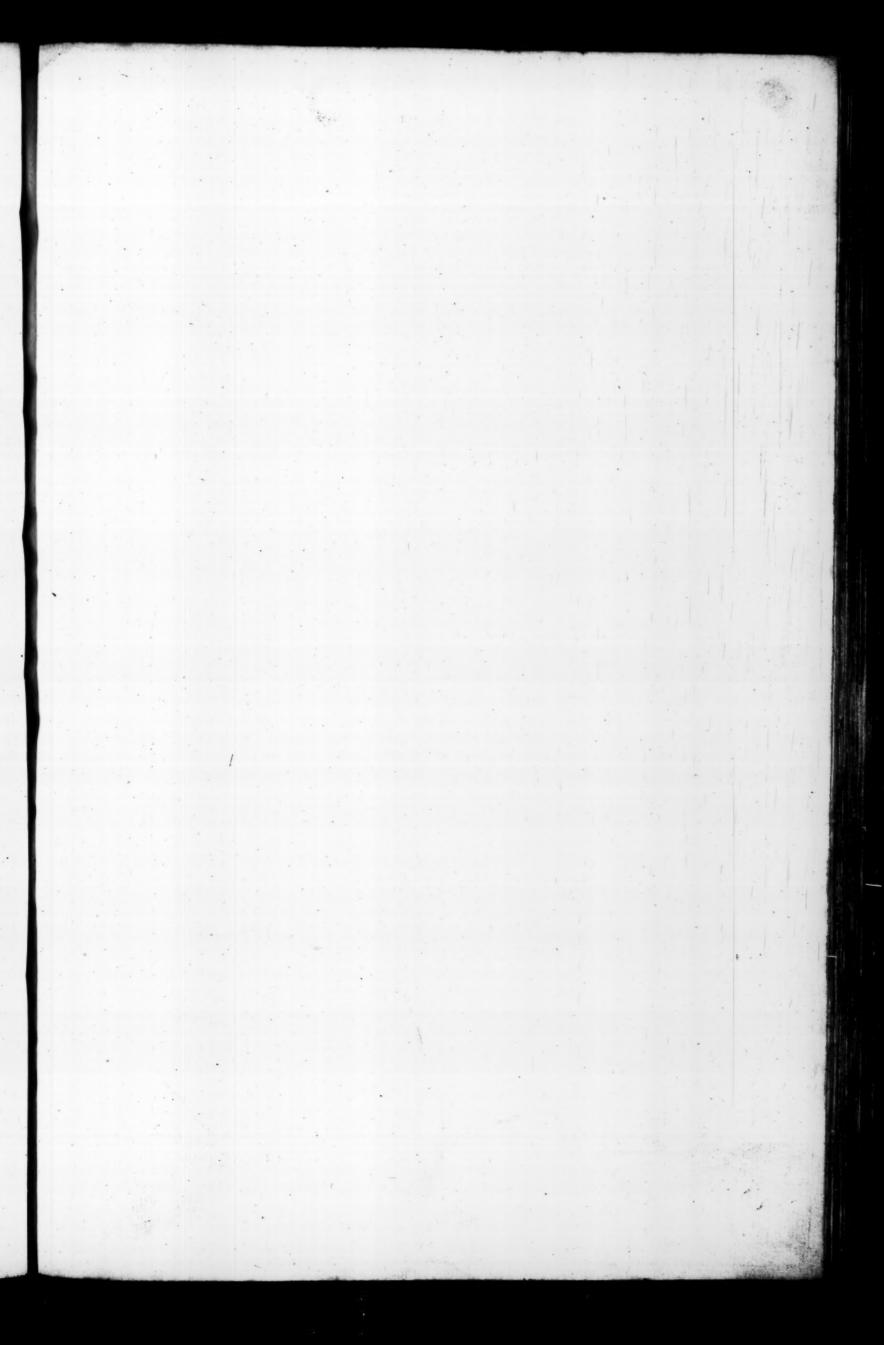
The thyzde muscle of mounge the thyghe, whose begynning is fet about it with an and that whi

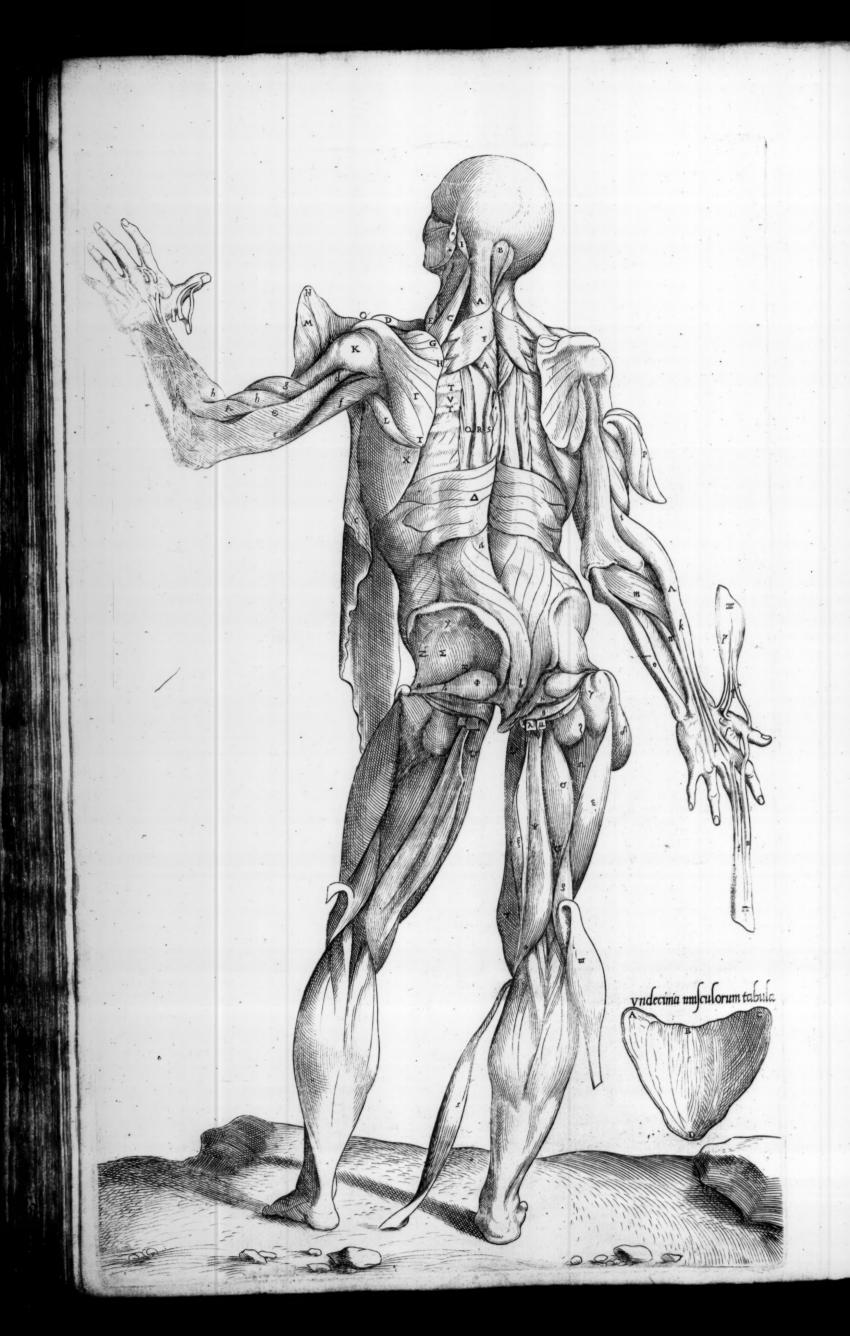
the backe fyde of the buckle bone, delyuered frome the feconde and the firste muscle of moupinge the thyghe, but affeweth the infertion of thes theire muscle.

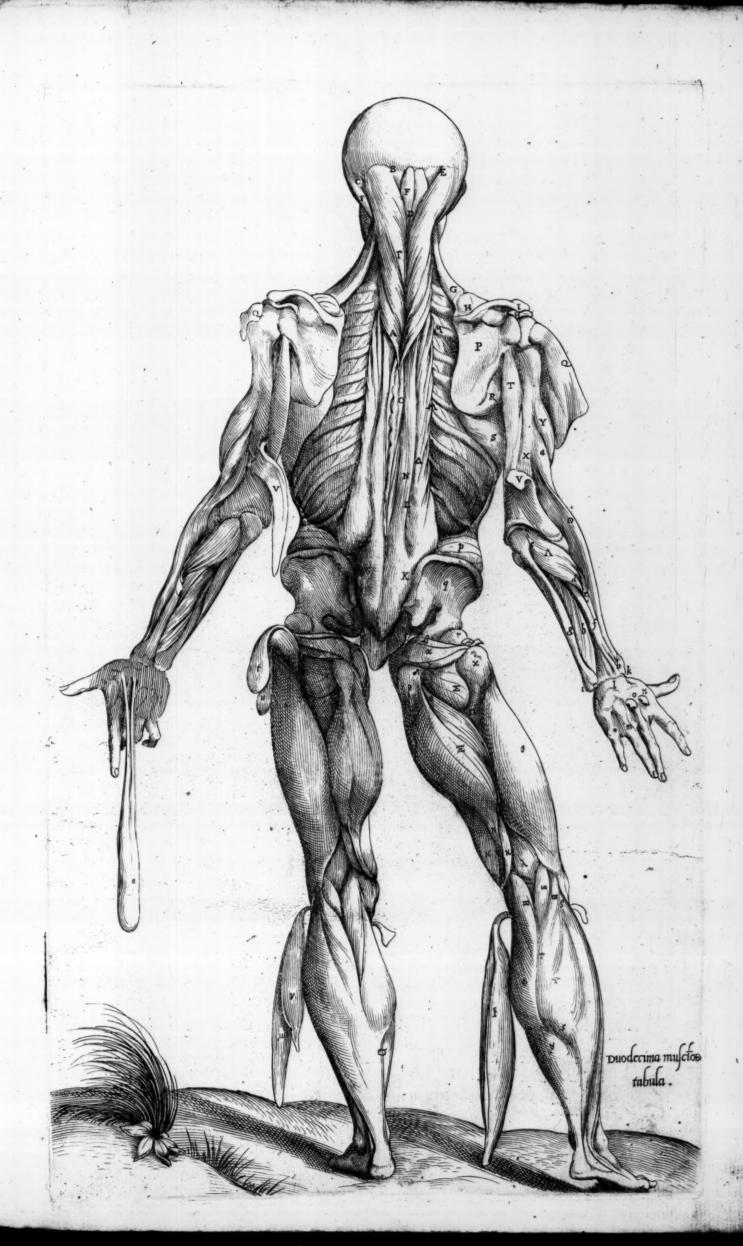
The fourth muscle of mounge the thighe birds of the holpe bone, and there bypugyinge furth his

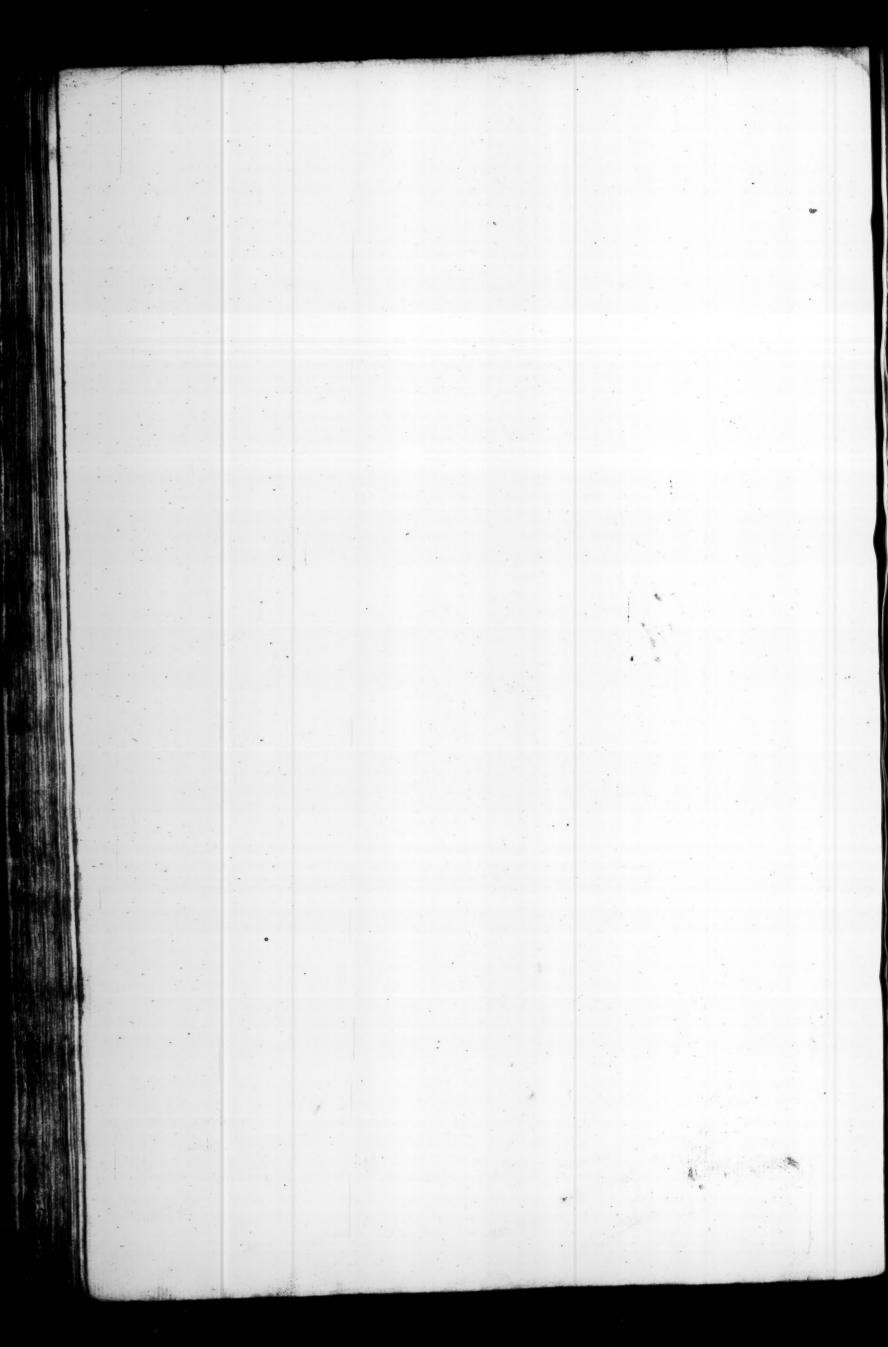
diamol dass,

p fyrite tendon where pour lee p.
The great procedle of the thygh,
A Che leconde mulcle of mounage the thygh,
S., The fenenth mulcle of mounage the liberth









## The twelfth fraure of Mulcles.

that which should be thewed by this karacter & whe we come to this karacter \O by a by Chalbe Declared Ilygament commynge from the holye bone, belongynge to the charpe processe of the hyppe bone.

The tenth inufcle of mouringe the thigh, turned by thes wave from the inner feate of the bone aboue the prime membres, and creappinge as it were been twent the two muscles marked with and x.

The heade of the thyrde muscle of mounge the Chrime, whyche are taken to be the fyalte of all them

that fpapinge from the hpp bone.

the heade of the fourth muscle of mournge the Myn, whych is the left and \$.11. of the fourcheades communge from the appendans of the hyppe bone. A mulcle whome we take to be the fifth of the mo= uers of the flynne, and the begynninge thereof is

marked with a whyche is accompted the thride of those heades that come hence from the hyppe bone,

& & Cheweth the boughte of thes prefente muscle, in whome resteth the thyzde of mouyinge the shynne, o bere the fyfte mulcle endeth in a tendon, to be im= planted in the foreseate of the shinne bone.

we entende in the nexte table to beclare the fyfte mournge muscle of the flynne with thele karacters  $\Xi, \Sigma, \Pi$ , and to thewe thy smulcle in the prefente with said  $\Omega$ energe one of them up them felfe poyntynge to a parte of the mulcle to the whych he doing ferue, and frafte thys baracter or and or together doe thew the binder part of the muscle & sand a his former part therof. But ? Theweth properly the former poztion of the former parte, and  $\Omega$  the latter portion of the layde former parte.

the fourth muscle of mouning the thinne hanging here frome his parte whiche the bone of the thighe

bringeth furth marked with e. The third e muscle of moung the thirme, hanging

from his infertion.

a postion of the eyght mulcle of mouyng the thyn. I have here fette no haracter on the fhinne, becaufe in the nexte table following those muscles that be bere, halbe thewed in order accordyngly, and noted with karacters convenient.

#### The declaracion of the markes and letters of the twelfeth table of Muscles.

De lefte muscle of the fyshe pape of mounge the heade, I noteth hys be-B, c Synnenge and B, Chis infertion, whyche be attempteth in the bone of the hynder parte of the heave . D theweth the feate where 0 the ryghte muscle boeth fyzite begynne to Des parte frome the lefte, and laste of all & sheweth the incode of thinlertion of the ryght muscle, where fore pf ye be disposed to brynge thys muscle into a fourme of a triangle, pe thall marke it with thele baracters 48,46,86, and the space also between the layde registe and lefte mulcle, of ye well yma-gene it to be a triangle, ye shall note it from s to s then from 8 to 2 and from Eto D.

J.F 3 mulcle of the fecombe pape of the mulcles of the

G The thyade of mounna the (hourber)

The fifte of mounge the arme.

The heygth of the Moulder Delyuered frome bys

A The ribbes with their spaces betwene are not here marked with anye karacters, bycaule they are here lyke to the other in the table before at TT,P.

The fourth muscle of the mouers of & brefte, whose begynning is marked with Ka L betokneth p feate or place where he frift leaueth to growe any moore from by the longest muscle of mounge the backe, whiche shall be folowinge marked with N lyke as here after frome K to L.

M,M with M and Mare thewed certaine tendons of this

present muscle.

N The eleventh of mounge the backe. The fyftenth of moungge the backe.

Here is sene the gybbolitie of the Moulder delpues red from hys mulcle, whiche is numbed the fort of

2 moupinge the arme, and he is here marked with 2, hanginge forth from his infertion.

The thyzoe muscle of moung the arme,

The seconde of mounge the brefte. I Amuscle thaustynge furthe the cubyte, who bayne

geth his begynnynge frome the lower rybbe binder the Moulder.

P Berehangeth furth fro that leate on Blefte arme, the outwarde muscle of thrustinge furth the cubite at the whyche feate he is muche tangled with the layde former muscle marked with T whych is sene in the ryghte arme to hange furth beynge cutte as

In thes leate fro & Choulder fpipngeth furth a fleas thre postion, whom we have in the place of & thred mulcle of thrullynge furth the cubyte, and he thall be marked in the nexte table followinge with d.

The hynder muscle of bowynge the cubyte,

@ I muscle bainging & leste bone of & cubyte bpward who springeth furth more high on the shoulder, a= boue the gibbolyte therof where a is waptten thews png hys infercion wyth b.

In other muscle by whose help the lefte bone of the cubyte is brought bywarde, hys begynning is the=

wed with and his infercion with d.

A synowe poscion, or the ende of thinsercion of the bpper mulcle of thruftyng bowne the leffe bone of the cubyte.

The leffe bone of the cubyte. The bygger bone of the cubyte.

The lygament or knyttyng together whyche goeth betwene the leffe a the bygger bone of the cubyte, where they open from eche other.

. L Thys is the feate of the boughtes prepared for the conveyaunce of the mulcles and of the gryftelles that decipe the bygger bone of the cubyte from the

Thys feat is bely wered from both the muscles and tendons, that the ligamentes to whome the bones are topied to, might & better be lene, otherwife they

coulde not.

The bone behynde the weste bearinge the rynge tringer, the whiche bone we have specially noted by cause you myghte discerne the better the bones of the backe oute of the wreste, from the spaces be-

## The twelfth fraure of Mulcles.

'twene, and frome the mulcles, whiche be aboute them.

Dere is layed top the mulcle & bayingeth the thombe next to the forefynger.

A mulcle hangynge frome his infertion, that theus feth furth the wreste with a forked tendon.

Here is fene a good parte of the overthwarte mul-

cle of the bealpe. The backe of the huckle bone is nowe sene btter= lye without fleathe.

The heave of the thigh goynge buder into the cup of the hippe bone, or the lygamente whiche compals feththis toynt about.

Alygament communge from the holy bone, ending

in the harpe processe of the hyppe bone. thyghe marked with, and the fourth also marked

The great or outwarde processe of the thigh.

The tenth muscle of moungge the thyghe whole principall parte to be marked with Eyou Chall fond in the lyctenc table to be noted at these karacters, FGH, but thys presente table theweth that parte of thys muscle, whiche being tourned ouer at the proper bought of the hyppe bone is brought to ggreat processe of the thighe.

The thinne muscle spryngynge frome the sharpe processe of phippe bone, a stretched furth to phigh-

er feat of the muscle marked with a.

Another thome muscle also, stretched furth to the neather parte of the muscle marked with a

A The fifte muscle of mounge the thigh, but E the weth specially the latter part or backe of this mus-cle whose head partely of it beig smowy is marked

with A, and that whiche is fleallye with e, fpzyn= geth furth from the appendaunce of the hyp bone, and he is number the fourth of the heades goinge

In this feate thys parte of the fifte mufcle of mo: upage the thighe is muche fleashye and much lyke

the shape of a mouse.

Ex Bere glatter part of gfift mulcle boeth begenerate into a tendon, grafte in the infpde of the heades of the thighes.

Hand ≥ Cheweth the fore part of the fifte mulcle of mounge the thighe, and II the latter portion of that same muscle, and & the fore part. But syth you can not those fore partes here perfectlye perceyue, that you maye the easelyer I shall fet these bygger Greke letters on the table folowinge to thewe the partes of this muscle there dependynge furth.

The feuenth muscle of moung the flynne, The enght mulcle of mouing the flynne.

The brode leate of the bone of the thigh whych is thrust downe being on the roote of his neather bea-

des on the backe lyde. The fourth muscle of mouning the thome hanging here frome his infertion. And & Cheweth his parte fpryngpuge from the hyppe bone, and the part to whom the thigh geneth beginninge.
The fifte mulcle of mounge the flynme,
The first mulcle of mounge the fote.

SHOULD

where he is marked with wand partip lynowy max we? hed with e, and r frampfieth the leate, where thele two fyst muscles of mounge & fote do fyst touche together.

Thefe muscles swelling betherto in the calfe, bo here leave to be fleshpe, but these swellinges shalbe exquilytly expect in the nynth table of mulcles.

The begynnyng of thys tendon, brought forth fro thele two prefent muscles.

The begynning of the thyrde muscle of mouringe

& the foote, whole tendon & , boeth thewe in the lefte Mynne,

#### The interpretation of the karacters of the thyrtene table of muscles.

A.B C.D.E.F.G. The ryghte postion of the seconde payse of moupinge the heade, in whome everye karacter by hym selfe doeth patuallye some what signific. By A is significd the muscle of the second payte spryngenge furth with a sharpe begynnynge from the ouerthwart processe of the fourth and fift tournynge toyntes of the breste. I sheweth the leate of thys muscle, where he leaneth to be fleashpe and Degendringe as it were into a tendon, furthermore, Bought allo to lignifie a muscle, whiche springeth from g poput of g leventhturning topnt of g necke, and is myngled with the millele marked with A. Ciswiptten on the feate of they goinge together, whyche the weth not onelye the goinge together of bothe these muscles, but also where they are both made exactly effeathye. D theweth the infertion of bothe thole mulcles. By E on the other lyde, otherd mufcle of the feconde payze is thewed, whole beating nynge is berye deplye hydde, hys infertion in the meane space is sene at Fand laste of all by G, and by G is marched the fleashye lumppe of the seconde papie.

The fyfte muscle of mournge the backe.

H Postion of the lyrte mulcle of mougnge the backe? The fyftenth of mounng & backe or another of the eyght payze of those muscles.

The eleventh mulcle of mounge the backe, whose

begynnynge marked wyth I hangeth from the hos lye bone, and hys tendons are marked with M,M. And so the highest M doeth signifie the bypermost L,M ende of this present muscle.

M. Thys karacter & in the place of N doth thew the nonth muscle of mounge the backe, or one of the fifte papre.

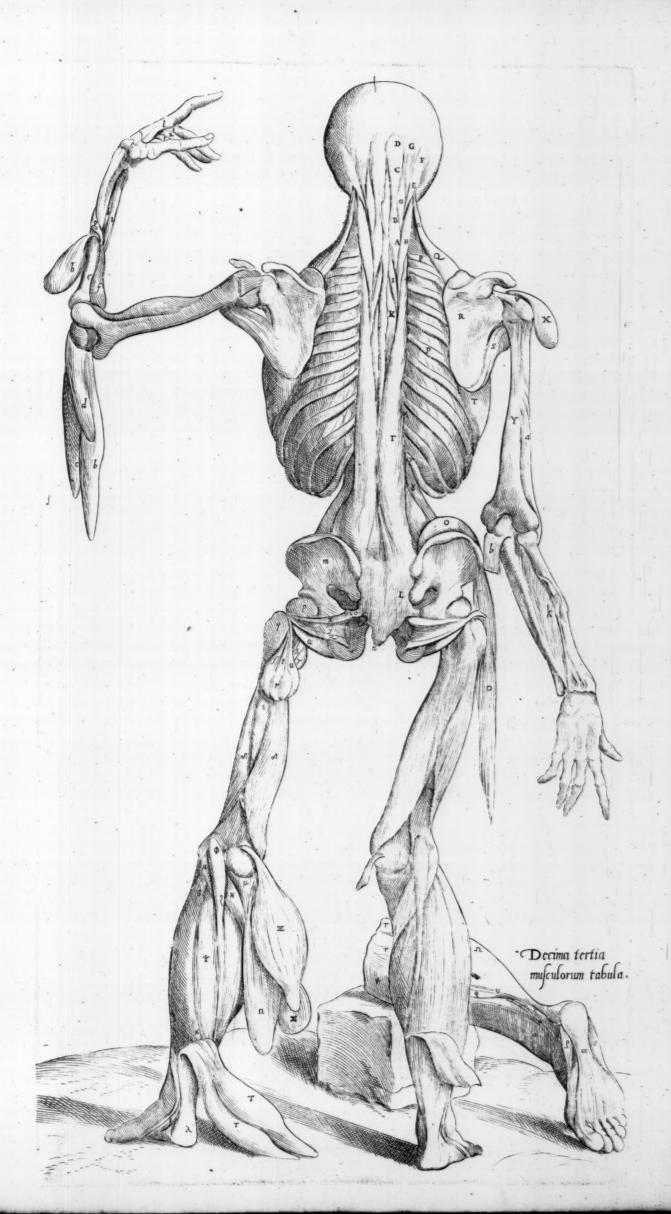
0, 0 Devenangeth furth a mulcle from hys fpypngpnae furth, beinge the furth of mounge the breft, and in apes and dogges it is the fewenth.

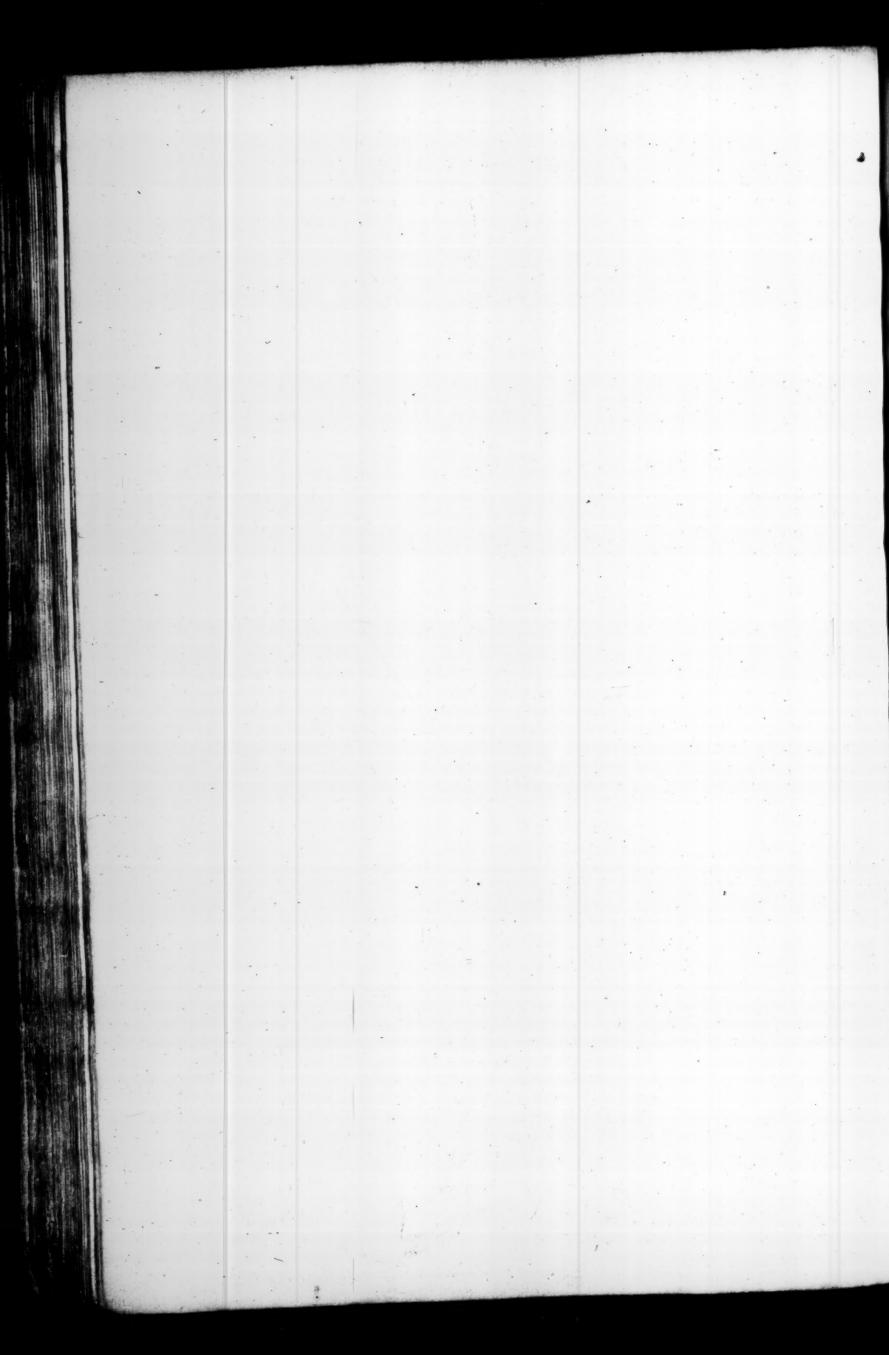
Thefe tharpenes of the ribbes , thewen the knobi bes of them in whome the fourth muscle of moung the brefte implanteth . And for as muche as apperterneth to the rybbes and the spaces betwene them they are all one here as they were in certagne of the tables before.

The thy de mulcle of monynge the Moulder.

The Moulder being on the backe parte cleane with out fleashe.

The feconde muscle of mounge the brefte? The thyrde peculper lygament of the topate of the Choulder





## The thystenth froute of Bulcles.

Moulder.

x Dere hangeth downe the fyfte mulcle of mounnge the arme.

In both the armes the backe parte of the shoulder is cleane without fleshe a sene without any muscle.

The hynder muscle of bowyng the cubyte.

The muscles of thrustyng furth the cubyte. And thus is marked with b, which bringeth his beginning from the lower rybbe of the shoulder, is he that taketh his beginning from the necke of the shoulder point, d sheweth a stelly e parte takinge his beginning from the arme almoste to the mydle of his longitude, the lesse bone of the cubite

fs The opper muscle of bringing the lesse bone of the cubyte downswarde, whose insertion is marked

withg.

b Here hangeth bowne the Moster muscle of byings

The bygger bone of the cubite, the less is marked about with e. But k she weth a lygament in bothe the cubites byndynge together all alonge the less bone of the cubyte to the bigger, where these bones open together, one against another. And in so much as appertained to bones of the wiest, of hand and of the fyngers, you shal fynde all thynges here cozespondente to those in tables before, but have cutte awaye here the muscle that bringeth the thombe next to the forefynger. And in the less than are sene the three muscles, whiche doe bowe the seconde space betwene the soyntes of the thombe,

the mulcle that boweth the fyzite bone of the forethe mulcle that boweth the fyzite bone of the forethe fore is here properly the weth with !.

i fynger inwarde is here properly sheweth with!.

Whe backe of the huckle or haunce bone biterlye without seall, lykewyle as is the outwarde part of the hyppe bone.

" The fayd hyppe bone without flesh delynered from muscles that growe to him.

. Alugament communge from the holye bone grafte in the Marpe processe of the hyppe bone.

P The heade of the thigh bone.

The great of outwarde processe of the thigh.

Here hangeth from his insertion the tenth muscle of inoughness the thighe, shewing his inner seate which was compassed about every where with bones.

Jesu And Jesus doe note the tendons of this muscle which

be turned ouer to the hyppe bone.

as it were of a scabberde of a swearde bypngyinge furth frome thence the tenth muscle of mouying the thyghe, where he is bowed to the hyppe bone. And so theweth the oppermost leate of thys seasy parte, y the myddle, and z the lowest leate.

a A portion of the night of the mouers of the thighe. For In the right legge are marked two insertions of muscles, into the lesse processe of the thigh, she weth the insertion of the syste muscle of mounge the thighe and 7 the seventh of mounge the same.

The erght muscle of mouringe the shinne, almoste compassinge aboute & whole processe of the thigh.

Dere is sette furth the sharpe lyne of the thighe, in

Here is lette furth the Garpe lyne of the thighe, in whome is grafte the fifte mulcle of mouyinge the thyghe,

E, II, The fifte muscle of mountinge the thighehanginge furth from the inner heade of the same, in whom E sheweth the latter parte, II and E the former part. And yet here also II sheweth specially phinder pose tion of his former parte and E the former portion. The muscle numbred in place of the thyrde muscle

The mulcle numberd in place of the thyrde mulcle of mouninge the fore, byinginge his beginninge marked with  $\Phi$  from the outer heade of the thighe

3 and bipingping hys tendon where you fee 3 witten.
3 muscle whome we declare to be hydde in the hamme.

The fourth muscle of mounge the fote, whole bes granging is thewed with a his feate where the ten-

groweth stubbernive but o hym is noted with x.

A By a is noted the infertion of the tendon, whythe springeth from the two syrste and the thyrde of most upage the fote.

In thus leate the Chunne bone is sene without feath lykewyle as a greate pozition of the outer heade of the two lower heades of the thigh.

o, The tendon of the eyghte mulcle of mouyinge the foote.

The tendon of the fenenth muscle of moupinge the foote.

Myth thys karacter we have thought expedient to thewe the legge on the ryght fyde in thys thystenth table of mulcles, bowed downe of leaning to a stone, so that the neather seate of soole of the fote myghte the playnelyer appears to the eyes, and that also the mulcles there shewings them selves myghte after the ofder of instron by lytle and lytle offer them selves.

ues in the tables folowinge. And thus by wisfignified here the fyzite lygament or thynne covering fubstaunce growing to the first muscle of mouning the toes going also bider into the soole of the fore

in the steade of a brode tendon.

The mulcle that bryngeth the greate toe inwarde from the other toes.

The muscle of brynging the lytle toe fro the other toes.

The fyilte and the leconde mulcle of mouynge the fote, hanging e furth in a whole man from fourth of moung fote, and he is put in hys owne place, in that fygure which  $\Omega$ , the weth furth.

The tendon of the thyrde mulcle of mournge the

of a portion of the fourth muscle of mournge the fote, which in the whole man you se marked with F.

X Atendon compage from the fyilt, the seconde, and fourth muscle of mougage the fore and graft in the hecle, although that x, the weth privatly here the ho lownes, sene between the former parte of thes pressent tendon, and the hynder seate of the other muscles, whyche occupyeth thys speeds for the shynne.

4. Darte of the flynbone wythout fleshe neyther is be couered wyth muscles before thinsition. \* Here are some portions of muscles whych occupye the back-syde of the flynne, belyde the three systemuscles of mounge the fote,

The interpretation of the karacters of the fourtenth table of muscles.

DI IT

## The fourtenth fraute of Mulcles.



Dys is plattetable of expressing & backe part of a man, lackyng here hps (houlders and his armes, and bendynge his knees, that he myght put furth to be sene the soole of the foote of one of the legges. And bes

lide declaration of the knees, we have also set fouth the heade with the two first toyntes of the necke, which heade Moulde Dewe the fourth pape of the muscles which moue the heade, otherwise we shuld be constrapned to make another table therof.

The thyrde part of muscles of mounge the heade, grafte in the hynder parte of the heade, frome the rydge or pointe of the seconde tourninge toynte of the necke.

C The swelling furth of pone of psuke bone called processus mamillaris, as well sene in the whole figure as

in the figure let at the knees.

Derethys karacter with certagne other folowinge is proper to the fraure let betwene the knees, thes wynge the auerthwarte processe of the firste toynte in the necke.

The Charppe popute of the leconde topnte or tour= nynges of the necke, and so E appoynteth the second

FG The fourth payze of muscles of mournge the head, comminge from the first tournpinge topinte in the

necke, and grafte in the nodle of the head. In the necke of the whole figure is shewed the fift payre of mulcles of mouninge the heade, which com= mpnge from the hynder parte of the heade, implan= teth in the ouerthwarte processe of the first toynte R.L inthenecke.

The litte payre of mulcles of mounge the heade. comminge frome the pointe of the leconde topnte in the necke, and grafte in the ouerthwart processe

of the firste.

Parte of the thirde muscle of mounge the shoulder, chiefelye sene where as he goeth furth frome certagne ouerthwart processes of the toyntes in the

The thirde of the muscles that moue the backe.

The fewenth muscle of moumge the backe. Thys karacter & placed in the lopnes, noteth the nynth mulcle of mougng the backe.

The eleventh muscle of mounge the backe, hangengehere from his lafte infertion, and thewenge the bought marked with R, where he geneth place

to p thystenth mulcle of mounge the backe as ap:

popnteth his begrnnpnge.

The thystenth muscle of mouinge the backe, whose begynninge is noted with V, and hys ende with X, which the weth also & beginning of the fiftenth mul cle of moupinge the backe.

The fiftenth muscle of mouynge the backe, whose hyghelt extremitie marked with . is hyd binder the

fewenth of mournge the backe.

It is muche expediente to beholde with dilpgence. thes fourtenth table of mulcles, because of & shape of the brefte and the compacting of the rybbes, fith it doeth moofte exquilitize thewe the processe of the fapoe rybbes as well as the other tables before. And in giognong or fastening together of the bos

nes we baue not bytherto in any place fo exactlye

thewed the knyttyinge of the rybbes whereby they myght optagne they, natural lituation pertagning to they oblique educions, as here. for I have lefte to great a space between the poynt of the bucs klebone, and the blade of the twelfth rybbe of the brefte in the lituation of the bones: Reyther was it bery hard in thele former tables of mulcles to finde oute the inste procedynge of the rybbes syth they remained continually in they proper places throughe the whole order of inlition . And belpde that e= uery man doeth le although Joo holde my peace, and speake no more: that the outwarde muscles of them which are between the rybbes doe thewe them felfe wythout any moze teaching. In lykewyle alfo, the buckell bone, the hypbone, with the bone aboue the pryuy membres, called of pubis, require here no indicacion or thewing with letters, but goumage in conferring them together, repayze to the whole fygures of bones pf you nede infinuation by caraca ters, yet have we nevertheles on the bone above the pring membres affixed, b the wyng the thynne, coue ryng, being there fene in the hole of the fapo bone.

The forte muscle of mouning the thrathanavnae

forth from hys infercion.

The feuenth muscle of mounge the thyghe.

Here hangeth forth & nynth muscle of monyng the

thyghe.

A flefbre parte, oz els pf thou wplt, certayne painat muscles , bayngyng fouth the tenth muscle of moupng the thyghe here hanging forth from thepr ins fercion.

The muscle whych we have spewed to be byd in the hamme, whome Galen thoughte (but not truelpe) to have had the whole power of bowynge the hamme.

b speweth hys spanginge furth frome the beade of the thyghe, and by i is the wed hys infertion into the forebone of the legge.

The feuenth mufcle of mourng the fote.

The tendon of the eright mulcle of moung the fote, whose insertion marked with m goeth into the finall bone of the insteppe of the fote sustepping the

From the heele on the left fote hange four muscles lyeng fist on ggrounde, beyng g worckers of the motions of the foote, " o o thewen the two fyat mos tiers of the foote p the thyebe, and g the fourth, but r fet at the ryght fybe of the heele theweth the infer=

tion of his tendon.

A dooth thewe the figure lette here at the outlipde of the whole fraure by the rrighte foote, whiche by the order of infition followeth nexte after the tyght fote of the whole figure, and in the table of mulcles nexte before, we let it furth with thys letter O

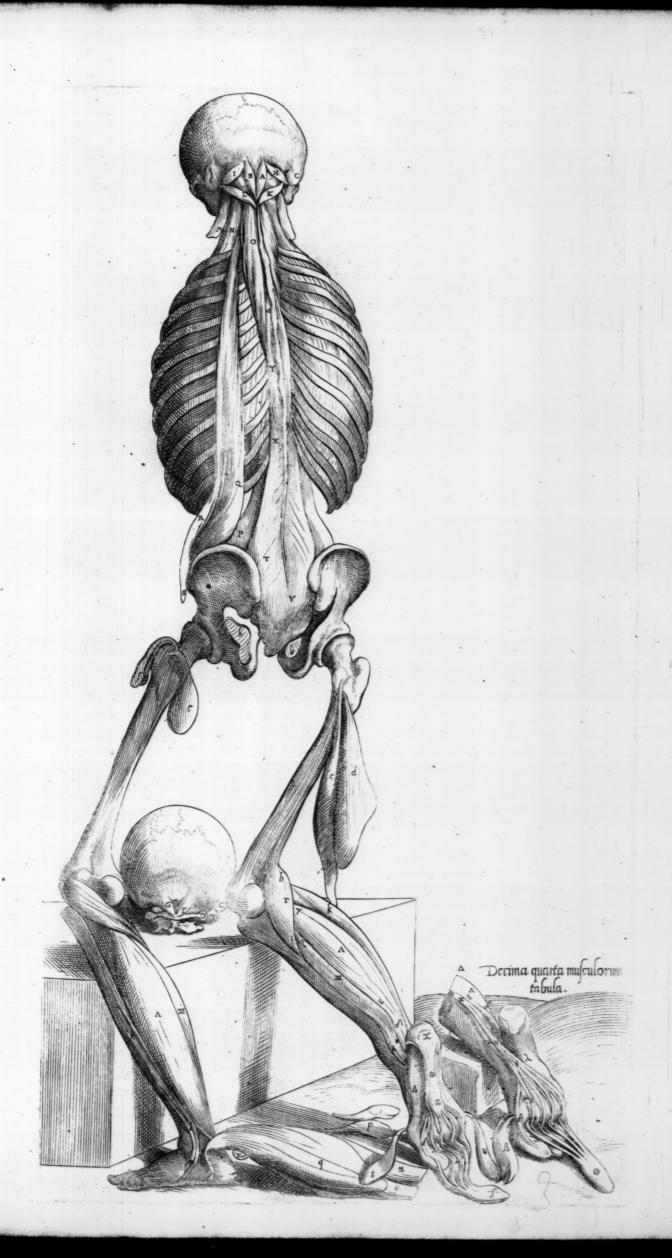
The lygament of the fote hanginge frome the en des of the toes, whiche dyd growe to the muscle of bowpinge the feconde topintes of the foure toes marked here with and fulfylling the office of a brode tendon in the foole of the fote.

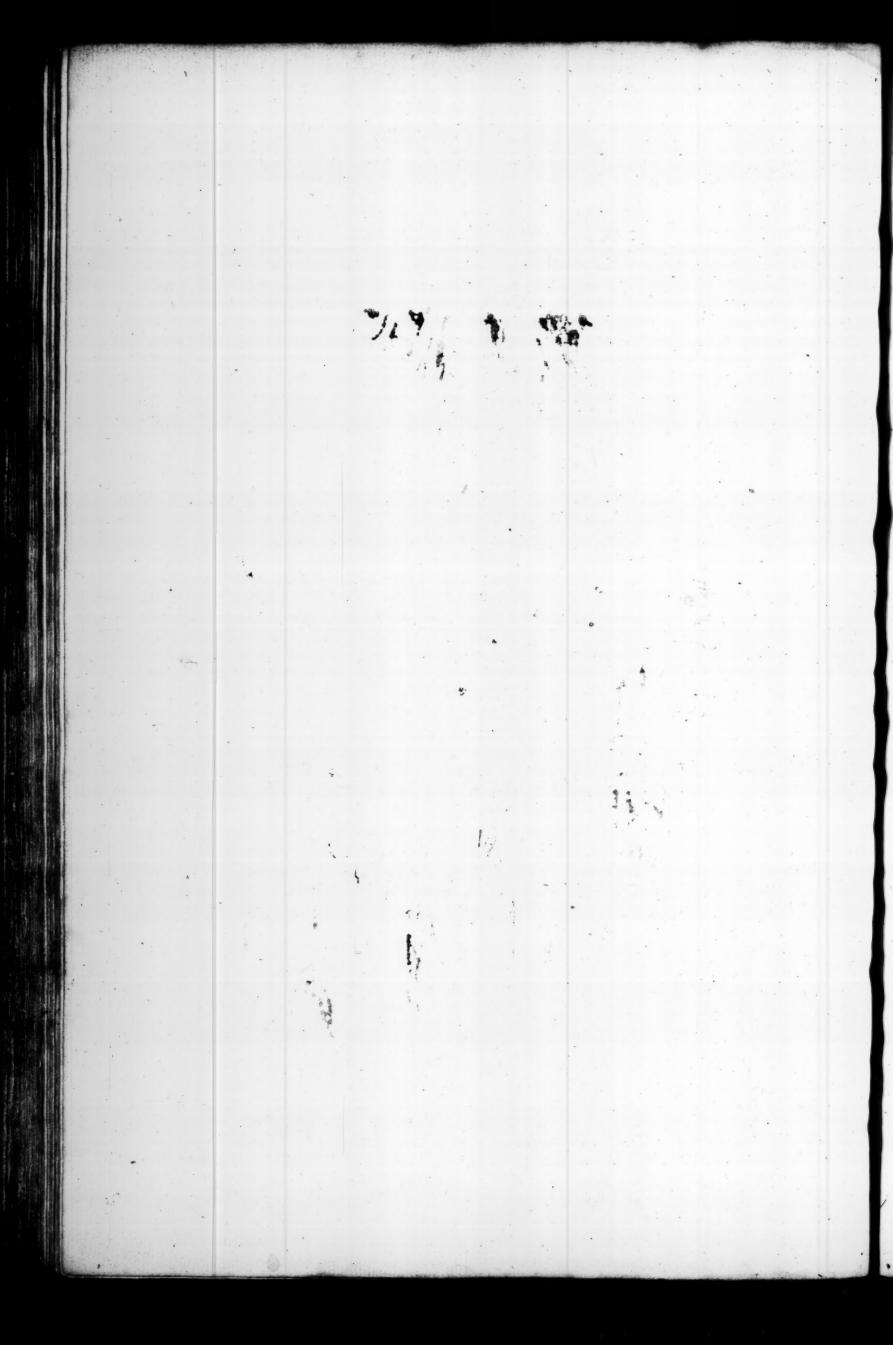
here hangeth out a muscle of bypngpnge the great

toe from the other toes.

Dere hangeth alfo a mulcle from his infertion, whis the baynaet b the lytle toe outwarde frome the o= ther toes.

@ Amuscle bowpage the seconde bone of the four toes \* the weth





## The fourtenth fraure of Quicles.

\* thewethhis begynninge frangenge frome the heele, and ahis partition into foure tendons, But by what reason the tendons of this muscle are deupded, a by what reason they sende furth otendons whyche are boder them in this righte foote of the greater fygure you haue it playnlye expreste . Let pf you will perpende them well it behoueth you to loke stedfastlye on the inner leate of the foure toes, althoughe the figure noted with a sheweth lyke wylethe same, in whome you shall see this muscle bangenge furthe frome bys infertion marched wyth @

This fleathy lumpe is it by whole benefite the first space betwene the toputes of the great toe is bowed and thes same marked with shangeth downe in

the figure appopnted by A.

A, A the muscle that boweth the seconde bone of the greate toe, 7 fet in the right legge theweth the be= gynnynge of thys muscle, A in thys seate from the inlyde, this present muscle bryngeth furth his tendon, whyche beganne in hys fleashye substaunce nighe to the karacter . . furthermoze, in both thefe figures thewing the fooles of feete, you that find this tendon next the great toe marked with A.

ZZ Z the muscle that boweth the thirde bone of the foure toes? Meweth his begynninge somwhat higher bider the muscle hidde in & hamme, marked with T and x theweth a tendon fpzyngynge from the inlyde of his fleashpe substaunce, whiche deups beth in the soole of the fote into four tendons there as you fee & offerenge them felues afterwarde into the foure toes.

here theweth him felfe the postion of muscle, whis the amongest the mouers of the foote is numbed

the fyfte.

A lupe or molle of mulclous fleth, brought furth in to four postios, is ftretched furth in tendons, whi= the tendos bow fthyed bone of the foure toes. And thes mulculous malle of fleth is & whole operation bapageth the foure small toes to the greate toe. and that you mape have the moore perfecte know= ledge of thefe tendos and thefe portions of g muf= culous lubstaunce, we have marked the tendon of bowynge the thyzde bone of the former toe with v and the muscle of bypngynge the sayde former toe to the great toe with µ.

The declaracion of the two fygures of the fyftenth table of Muscles and of their karacters.

Dese two frauces of thes present table are kepte in lyke forme as the ryghte leage with fote in the fourtenth table, and the fysite of these fygures, in order of inlition or cuttynge commeth after that whyche A appointed in the table before. And the latter fis gure of this table boeth fuccede the fyilte. Dere ens The the notes or karacters of them bothe.

A1 The Chynne bone.

BI The hinder of lelle bone of the flynne.

CI Pere hangeth Downe the muscle whyche is hydde in thehamme.

DE The fyfte mulcle of mournge the foote, o thewety

his begrunninge and E his tendon comyinge boline grouelpage from the infide of the mulcle.

to The boughte into whom & tendon runneth, whiche boweth the fecond space between the soyntes of the greate toe.

Gr The bought in the whiche the tendon of the muscle is carted, which boweth the thirde bone of the foure

HI The leventh muscle of mounge the fote.

II The eyght muscle of mouing the fote. K1 The infertion of the fixte mulcle of mounge the

L 1 Amusculous heape bowyinge the firste bone of the foure toes.

MI Smal bones let at the first space betwene the toyn= tes of the great toe, the name of it was founde from the Chape of fesamp sede to whom it is bery lipke.

NI Bere hangeth downe a musculous substaunce, whiche recheth furth a postion to energe one of the inlydes of the four toes, bypngpinge the lapde foure toes to the great toe.

0 1 A muscle bowyng the seconde bone of the great toe.

T 1 a muscle bowynge the thyrde bone of the foure fmalltoes.

Q 1 A postion of the tendon of bowynge the seconde space betwene & counter of & greate toe couned with the tendon that boweth otherde space betwene the toyntes of of foretoe. These karacters following are proper to the other, which is the left fraure.

R2 The Chynne bone.

sz The leffe bone of the fhonne.

T2 A thymne couerynge lygament topnynge the hinder bone of glegge to glipn bone, where as thefetwo

bones open one against another.

The seventh muscle of mouninge the fote, X this wave the tendon of the seventh muscle is tourned o-

X'r uer bnder the bone lyke a dye, and is also hydde. r theweth the infertion of thes tendon in the bone of the insteppe that sustepneth the great toe.

a 2 Another muscle hyd bnder the bit beyng the enght of mounge the fore, whole infertion b doeth thew, goinge into the bone of the fote holdinge by the lie

tle toe.

1,2,3. By thele thre karacters in the latter or left figure, are (hewed thre boughtes orderned for the mulcles goinge boder into the neather part of the fote from the hinder leate of the flyn, a 1. Theweth the bought or holones in whome the tendon of the fifte mufcle of mounng the fote is carried, 2 theweth the bought to the tenden that boweth the thirde bone of the fouretoes, but 3 theweth the bought whiche is fet furth for b tendo & boweth g.ii.iopnt of greattoe.

The fifte muscle of mounng & fote hangeth bolune on the grounde, beinge marked in the firste figure with De Eand in the leconde he is marked at hys

d insertion with d.

The musculous heape that boweth the firste bone of the foure toes, hangeth here bowne from the bones of the fore, which he bose now bare and without fleathe.

> The interpretation of the karacters of the syxtenth table of muscles.

## The lyctenth fraute of Muscles.

Empght convenientipe haue plas Aced thes fertenth table of mulcles nerte after the thyroe table, but by cause it is but only a part of the bonerte after the thyrbe table, but bys dpe, therefoze we have thoughtest good to let it here, wherin the infide

of the left thighe, the Chynne of the foote is expecte with all his mulcles, with also the holpe bone, and the bone & topneth to his lefte live, that & tenth mul= cle of mournge the thigh myght the better be lene, whiche in the whole table couldenot be so well sene ing part therof which occupieth ginfyde of the hyp bone and alfo the holye bone, as he maye be here. And here folowe the karacters of thys table.

Sheweth the holve bone.

The lyde of the holye bone, to whome the left hyppe bone was torned.

#lpgament commynge from the holy bone, goping into the appendans of the hyppe bone.

Parte of the lefte bone of the priupe membres, whis

the dyd toyne to the right bone.

Motett the fourth fonome goinge bnder the thigh. Thetentimulcle of wounge the thyghe, where E,F Gmarke thre of his partes with certagne inscrip tios where as he groweth furth muche fleashpe in the inner feate of Ospubis, and of the inner feate of the hyppe bone, and where His fet thes mufele is Somwhat strengther or narrower and turned to the bought orderned forhim in the hyppe bone and fo

brought furth to the great processe of the thigh. Here is sene a portion of the syste muscle of moung the thigh.

A postion of the . bit muscle of mouinge the thighe. The fysite of moung the Chymie, whose leat where Me leueth into a tendon by the inner heade of the thigh is marked with M,

The feconde muscle of mounge the shynne, N& O N,o thewe begrunning of the muscle comming fro & knyttynge together of the holpe bone . And Mallo

although he be let on & fielt mulche, pet he the weth the feate of thes feconde muscle where he leuethinto a tendon,

The nonth mulcle of moungage the Chynne is here Cene with a small postion.

The eyght muscle of mournge the thyrine.

The thirde muscle of mouning the shorne, whole tendon lyke as of the first and the seconde muscles of mouinge the Chynne, maye be Cygnified with M, and he is foone percepted where the tendons of the muscles are grafte in the former seate of the Apane bone.

The spite mulcle of mouing the thighe. S the weth S,T thelacter part of this mufcle. And Theweth platter portio of fore part of this. b. muscle of & thigh

The fifte mulcle of mouinge the Chynne,

Deterte mucle of mounting the them. But I themethe inner anche in the forest broughte furth from the thyung tender broughte furth from the thyung muscle of mouninge the foote bepage within the other muscles

The greatest muscle of makeinge the calte of the legge, beinge the courth of mourage the fore.

The muscle that bowern the the rockene of the four

finall toes.

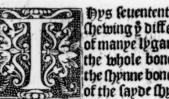
Postion of the fyft mulcle of moupinge the fote bes ynge within the other mufcles.

The tendon of the lyrth mulcle of moupinge the

Certapne tendons Aretchinge furth the toes.

The muscle which bipngeth the greate toe inwarde from the other toes.

### ? The interpretation of the karacters of thexvii.fygure.



hys sevententh table of muscles thewing & difference appocedyinge of manye lygamentes, expecteth the whole bone of the thighe, with the shynne bone and the less, with of the lapde Chyme also, to whome

their lygamentes pet remapne.

c,D. The bone of the thigh.

The heade of the thigh bone goinge into the cuppe of the hippe bone.

The lower heades or endes of p thigh bone iopned together to the fhynne.

EF G.H. The fipme bone.

F The hyghe procedynge of the bpper appendans of the Chinne bone, which goeth intog weeft or holows nes betwene the two neather heades of the thighe bone bringinge furth a ligament, which Mal anone be marked with X.

G The bought of g neather appendas of g fin bone, into whome are broughte manpe tendons of those muscles that occupye the foreseate of the Chyme.

H The inner ancle.

1. The lefte bone of the fhinne, but K fheweth private

ly the btter ancle.

The greatest muscle in the calfe of the legge, being the fourth of mounng the fote, and amonge al other muscles of the bodye he is in coloure mothe blueft. 2But M Meweth perticularly the tendon of thys muscle grafte in the bone of the heele, where as N the weth a small postion of the firste and seconde tedons of the muscles & moueth the fote, which grow together within the fourth muscle of mournge the foote, and with him beinge knytte in one doe bothe together engrafte themfelfe in the heele.

A rounde lygament toying the bone of the thigh

to the hyppe bone.

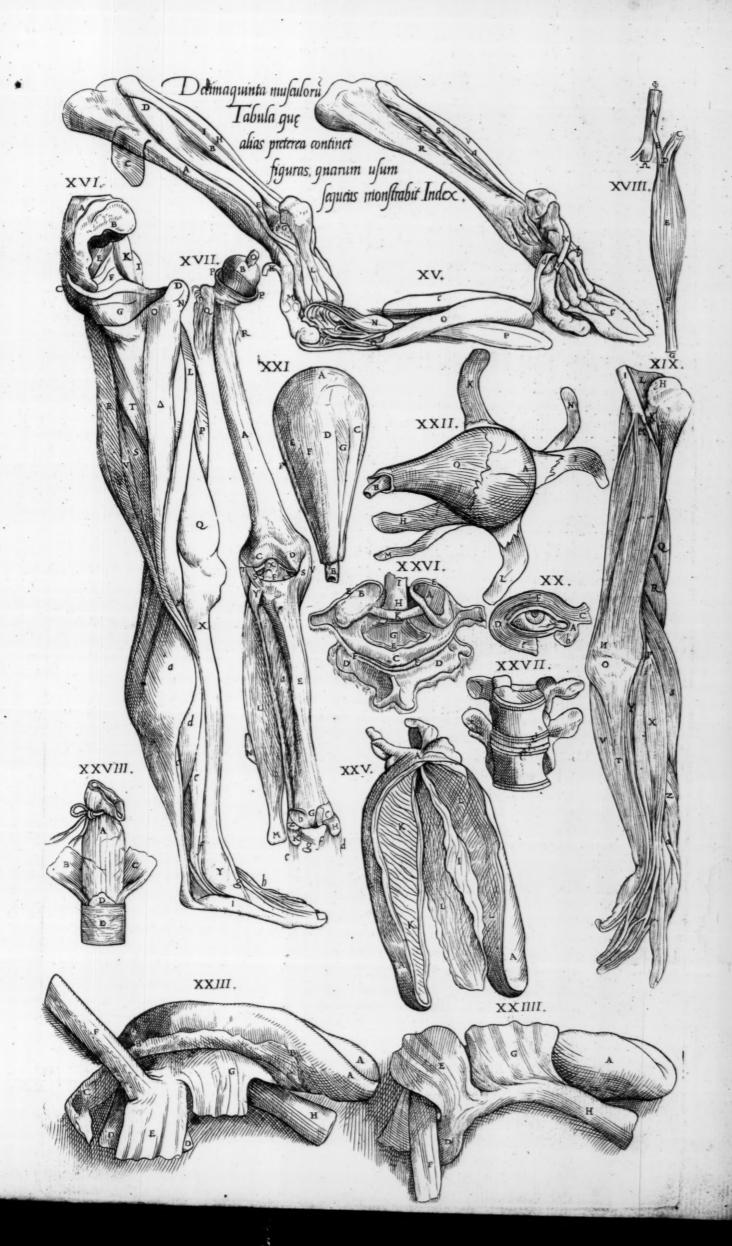
A greate rounde compallynge lygamente, compale lynge aboute the toynte of the thigh with the hippe

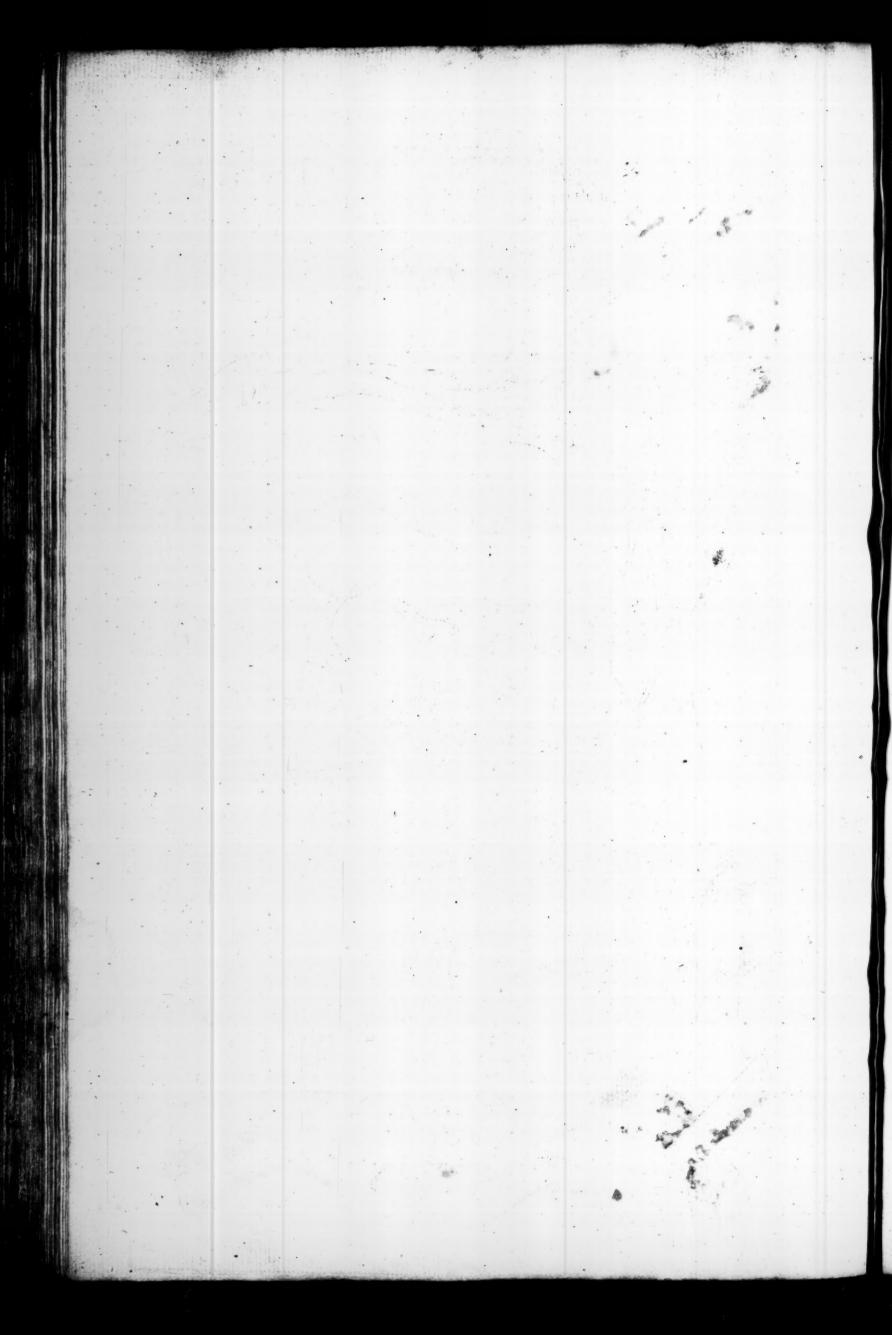
Doctions of lygamentes taken awaye frome the great and beter processe of the thyghe into the lub. staunce of muscles, and the chiefest of the sewenth of

mourng the flynne. Small portions of lygamentes also, commynge dolone frome the roote of the lelle and infide of the thyghe, growinge oute of hynde of degeneratinge chiefelpe into the engite mulcle of mounage the Oppnne.

A thinne covering lygament feruma to al the other topntes copassing about & whole topnte of & the ercepte that parte, where the patell or & panne of the knees lette. 1:00 offi agricultum io abiju

# lygamen





# The .rbin. fraure of Bulcles.

A lygament properlye belonginge to the topnt of the knee, fallened at the outlyde therof.

r, And the lygament is also peculier to the topute of

the knee, and faltened to his out libe.

I lygament communge frome the procede of the flynne bone marked with F and grafte in the bone of the thigh.

I Alygamente knyttynge together the bpper parte of the leffe bone of the fhinne to the bygger bone of

Alpgament byndpnge the lower parte of the lefte bone of the legge to the flynne bone.

A thynne couerpnge lygament faltenyng together the leffe bone of the flynne to the bygger by all the Space where they open from eche other.

bere is noted a lygamente bewrappynge the tensons aboute after the maner of a rynge, whyche are Aretched furth frome the forfeate of the Appnne to the boper partes of the foote, and that the nature of him myght the better be percepued by insition me haue fet hym beupded alonge, pone part of hym beinge turned ouer on the lyde.

a lygamente commynge from the flynne bone, and implanted at the beele , contepnynge certapne ten= bong bescendynge thys wave to the neather partes

of the foote.

Alprament fretched out from the fmaller bone of the legge to the heele beyng couered with certagne tendons going this way downe to the neather part of the foote.

f alpgament lyke the lubitaunce of a gryftell, coms inginge from the inner ancle, and grafte in the inline

of the heele.

2 Another lygamente alfo lyke the Substaunce of a griftell, knyttynge together the leffe bone of the flynne to the heele.

#### The interpretacyon of the karacters of the eyehtenth figure of muscles.

A thys presente fraure the chiefe waytters and mayfters of thys fctence haue dilpgentlye exprest the ence have dilygently expect the considerations, and the shape of the smulcle according to go other of institution and that which is conteyed between  $\Phi$  and  $\Omega$ , is postion of a certagne synowe cut of both above and beneath, as it shalbe

expounded moore fetlye, when we come to the ka=

racters therof.

I postion of this lynowe to be decipded into many braunches.

Certaine formanges furth of the finome noted with a gopinge binder the constitution of the mus-

c 3 lpgament growing furth from the bone of & confitutinge of the mulcle.

a metringe together of the lygamente and the lytion is made into fpbres and into the heade of the

The leate where the greatest deuplion is, of the fibles called the thrane farmes and where the bealy of the muscle boeth confift.

The communge together and committon of the bis uision of fibres, with the begynnynge of the tendon of this muscle.

Parte of the tendon implanted to the mounage of

#### The interpretacyon of the karacters of the nyntenth table of muscles.

Dys nyntenth table of muscles sheweth the bone of the Moulder, and the bones of & cubyte with the fibres belivered fro fleathe, compallinge aboute the bittermolte feate and parte of the hande with also the fourthe synowe goinge to the arme that here moste commodicissive the nature of the makinge of the muscle mape appeare to our eyes.

H The heade of the Moulder bone, knytte to the

Moulder blade.

The fourth fpnowe that goeth to the arme.

K The bearinginge of the muscle of thrustona furth the cubyre, which groweth furth from the roote of the head of the Moulder.

The begynnynge of another mustle of thustrage furth the cubyte, growynge furth frome the lower

rybbe of the Moulder.

The feate where the fourth fpnowe communac to the arme Doeth offre his braunches to the two muls cles whiche doeth stretche furth the cubyte.

N The ende of the muscles of thrustyng furth the cubyte, or their infertion into the latter processe of the

bigger bone of the cubpte.

o The latter parte of the processe of the bygger bone of the cubyte, whiche is always feene wythoute

There is fene the fourth fynowe goginge to & arme where he fasteneth in the latter leate of the biter Iwellynge of the Choulder, and offreth hys braum= thes to the muscles bypngynge their begynnynges from the Choulder there.

The begynnynge of the latter and bynder muscle

of bowpinge the cubyte.

The heade of the longe muscle, implanted in Bap= pendaunce of the leffe bone of the cubyte nyahe to the weelte puttynge the laybe leffe bone of the cu= byte bownwarde.

The muscle that fretcheth furth & well with a foge

ked tendon.

T Another mufcle of ftretchpinge furth the mefte, implanted at the backe of the hande in the region of

the lytle fynger. The muscle of the bygger bone of the cubyte, frete

thed furth, and bowinge the wreste

The muscle that thusteth furth the forefpnger, the midle finger and the rynge fynger.
Thulcle by whome I thall beclate the lytle finger

chiefelye to be thruste furth.

The fleathye parte of thys mulcle bemybed into thre tendons, wherof the one grafteth in the bone of the melte hologings by the thombe, the leconde ins to the firste bone of the thombe, the thirde into the

leconde and thyrde bone of the thombe.

A mustle by whose benefite the thombe is brought

# The .rir .rr.rrit.rrit.rriti.priiti, rrb.rrbi.fygure of Mulcles.

to the forefpiger.

The twentye figure declarynge the muscles of the eye lydde's.



Lithoughe the thirde table of mulicies at these haracters C.D.E. dyd formwhat entreate of these muscles, pet have we here placed this peculiver frygure, wherm Asheweth the fryste muscle of the eye lydde, and which is the same muscle of the same muscles becoming

tle. D theweth the feconde muscle whole beapnning is noted with . . And F theweth the knyttpuge to= gether of them bothe.

The.xxj. and the.xxy. fygure contcynynge the declarations of the muscles of the eyes.



Pth we might not in & whole tables of mulcles, let furth the mulcles of the eye, we have here taken furth the eye out of the heade, to declare the muscles of the same, shewinge the figure therof to be beholden to

the reader with dilygence. And in the fyilte fygure the eve with his muscles beynge yet in their pro: per feates on the one fibe of the epe arc declared. And the feconde table the weth the fpre fylle mulcles of the eye lyinge frome their infertion alonge on the grounde. The fewenth fpnowe referued figil to the lynowe of the lyghte. But the declaration of their notes halbe put furth or declared withe nexte pagyn folowynge.

The former leate of the epe where the cycle be-Li.z. twenethe whyte and the blacke is, called in Latyne iris, because it resembleth the rapnebowe.

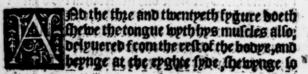
B.1.2. The synowe of syght or visine, there cutte, where he fyshe falleth into the seate of the eye from the scull. C,D,E.1 Dere on this live are lene thre mulcles being pet no mulcle beliuered from his leate.

Of the spaces whiche are betwene the first first muc-F,G,1 cles beyinge concred with fatte two spaces doe ap= ? peare in thes fequre.

M.N. The lyre fyst mulcles of the eye, but Hnoteth the muscle by whome the eye is brought bywarde, and I theweth hym by whome he is brought bowns warde Me N, the we them by whome he is tourned, aboute ,K fheweth him by whome he is broughte to the bygger comer or angull of the eye and L by who he is broughte to the lefte comer of the eye.

The feventh mufsle of the epe in no parte Delpites red from the fpriow of fratt, laue that he is biterly clenfed from all that fatte that covered him.

> The interpretation of the . xxiij . the xxiiy and the .xxv.fygures beynge .... of the muscles of the tongue.



nigh as may bethe nature a lituation of & mulcles of the righte libe. The foure a thete fraure bathe all thinges that the thre and twentye bathe, faue onelye that the tyset and nonth mutcle of the tonque myghte-fommhat better expresse bere they natural course then in the thre and twentye, we have bowed agains upwards, the three and seventh muscles of the tongue, leuyng the fyft hangeth bowie from his insertion.

The four and twentye fogure trathe none mulches of the tongue cut awaye, & the tongue is there fene Deupoed accordinge to his longitude, the ligas ment of the tongue beynge here taken awaye from bothe the bodyes of the fame, the superficiall and outwarde of the sayde bodies, which is helde together with a lygament there appearing, and the confruction and makinge of the tongue of man is

lykewple as you fee here paynted.
1,2,3. A postion of & tongue fene in & mouth gaping before the infition, yet couered with his coate, fer= uing tout felfe and to the whole mouth, theftomacke and the Maepe arterye.

Thys lyne theweth parte of the forlappe coate , cut from the mouth, by the lydes of the neather Jame for the portion of the tongue beprige here, as it is fene no where els bpon the lyne, is yet clothed with the fayde cote, and that whythe is fene here buder the cote is in no wple conered with that cote.

C.1 A pozition of this fozelayde coate, whiche we have here cutte aware frome the inmoofte patte of the mouthe and the tongue therwith allo,

DD1,2 The first muscle of the tongue. E.1.2. The thirde muscle of the tongue,

F.1.2 The fyft muscle of the tongue. 6.1,2. The fewenth mulcle of the tongue. The state of the tongue. The state of the tongue.

1.3 The lygamente of the tongue to whome the fra bres or small lynes of the bodyes of the tongue are

A kynde of fibres of the right (poe of the tongue) L.L.3. I hunde of fibres of the left fpde of the tongue.

> The declaratyon of the . xxvj . fygure of the lygamentes of the head, and of the lygametes.i.and ig. ioyntes of the neck e.



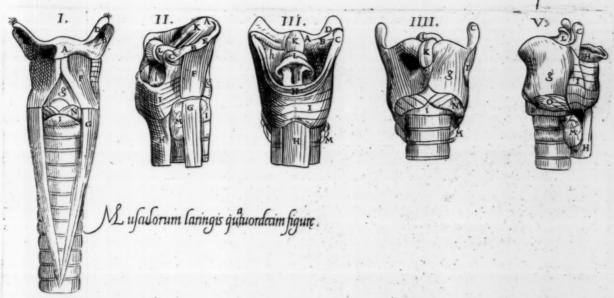
Dys prefent fpgire boeth expresse the firthe and leconds toured and loopness of the necke, beclared and ozawen furth on the backelide with their lygamentes. Here foloweth the description of the karacters

of the heelt.

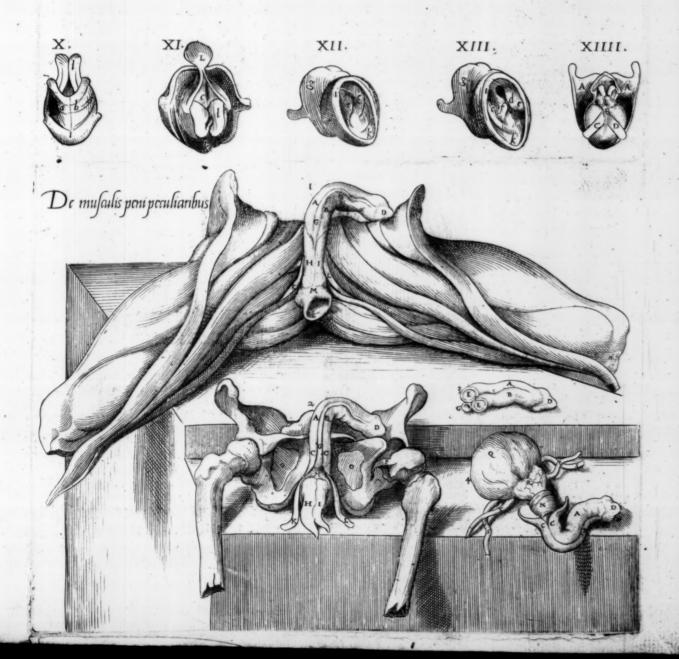
theron affired. The fpile tournpinge topine of the necke, knytte to the fecond. But A theweth properly the right bos some or boughte of the sappe fyrit turninge topnt whiche receaueth the englite heade of the bone of the nodle, and s theweth the lette boughte into whome the lefte heade of the nodle bone goeth, but Cheweth & leate of & fysite tourning topite where the other (pondels of tournings topites doe ende into the reghte bone of the backe

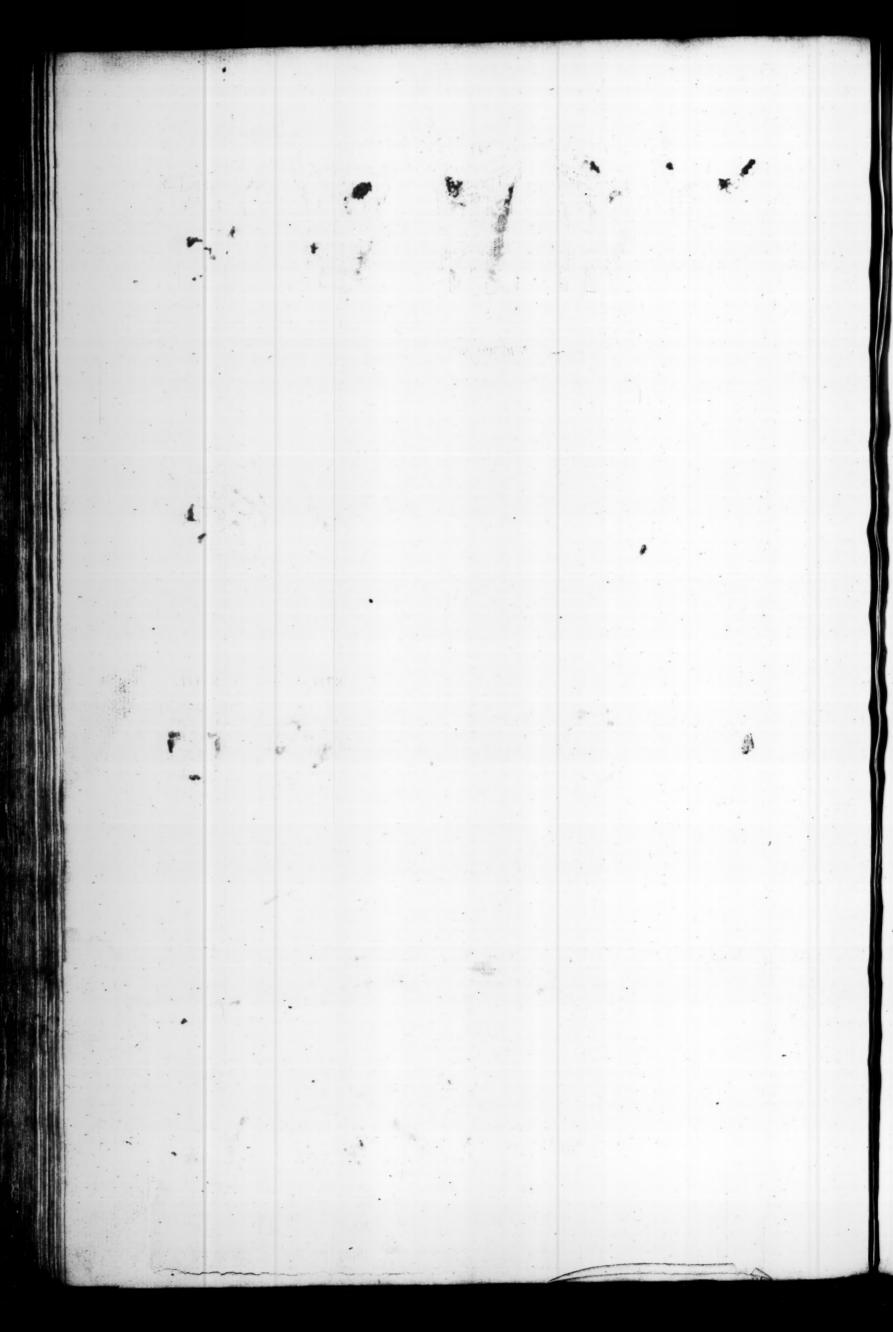
DD G.H. The seconde toumping soprite of the necke.

F.E.E. Uthprine conceptinge lygament kapttyings the fics









# The erbii.and.prbiti.fpgure of Bufdes.

topnte of the necke to the leconde.

G The bodye of the. ii. ioynte of the necke bypngynge furth bys rothe or Charpenes.

H The tothe of tharpe procelle of the leconde topnte of the necke.

I A rounde lygament grafte in the bone of the nodle

from the tothe of the topnte.

A An ouerthwarte lygamente contempnge the tothe in hys bought whyche bycause of the sayde tothe is hydde in the firste tourning counte.

#### The interpretation of the .xxvii.fygure.

weth two toyntes of the brefte, paynted out of a chyldes body on the forparte in whome 1 theweth the gryftell of the bypermoste toynte goinge betwene the lower appensoms of the bodye, and the bodye it selse, 2 theweth the lower appendauns of the saybe toyntes. 3 thes weth a gryftellye lygament going betwene the appendaunce of § byper and § neather toynte. 4 these weth § byper appendaunce of § neather toynte, 4 sheweth the gryftel that knytteth together the layor appendaunce to his toynte.

#### The.xxviii.fygure she wynge the muscles of the strayte gutte.

Ore is a portion of the strayte gut, with his muscles cutte from the bo ope, which we ble to leve in the bos ope whyles we take oute the other guttes.

The strapte guttel
Two muscles whiche after the expulsion of excrementes, drawe the sappe gutte bywarde agayne.

A mulculous substaunce growpinge to the roote of the parde, whiche in women is ioned to the lower parte of their shape. Furthermore, by D is shewed the seate from whom two muscles growe furth into the parde.

A circle or compassynge muscle lettynge or forbyd= bynge the excrementes to goe furth wythout con=

lent of the wyll,

# The interpretatyon of the karacters of fourtene figures of the wynde pype.

Athe fielte fraure is expect the foreparte of the bone lyke v delyuered here frome all hys mulcles with allo the foreseate of the wynde pype and the stalke of the shape of the arterye, whiche consisteth in the necke, beinge pet no muscle of the sayde wynde pype taken awaye. And those muscles that be here sene, shalbe declared by the karacters folowing. The seconde fraure sheweth the same on the right side as in § first, although we have not kept here so great a postion of § stalke of § sayd sharpe artery, and we have from hence also cut the byper sydes of the bone lyke r.

The thyroetable aunswereth in all thynges to the leconde, laue that thys sheweth on the backe parte those thinges whiche the other shewed on the lyde, and that here for that purpose and cause are pressed the upper space of the bone, whiche is lyke thys letter v called in Latyne Hysides.

The fourthe setteth furth the former seate of the wonde pype with a portion of the stalcke of the sharpe arterye, the bone called Hyoide, beinge cutte awaye with the muscles frome the same bone and frome the breste bone, which goeth to the winde pipe, here is pet reserved of \$\tilde{p}\$ comon muscles of the winde pype, the syste and the syrte, and the muscles belonginge onelye to the couer of the winde pype.

The fyfte fygure varieth nothings in the ord er of cuttyings from the fourth thewyings verye well the same as byd the fourth to be sens at hys lefts

lyde.

The lyrt doeth to thew on the backelyde, the wynde pype delyuered fro grelt of glalke of glarpe arterye, to that we have not left any postion neather of the stomacke neather of anye common muscle, yet have we in the meane space taken awaye none of the grystels of the wynde pype from their seate.

The seventh conterneth the wonde pype from their seate.

The seventh conterneth the wonde pype on hys ryght syde so expressely that hys cover is nowe cut awaye, with the muscles also, whyche dyd knyt the seconde of the grystels to the fyrste. Furthermore, the lower processe of the syrste grystels on this side, is delyvered from the seconde, and the syrste is in suche maner turned over sorwarde from the seconde that the myddle seate of the first carthelage or griftell is sene on the backetyde all naked.

The eight differeth from the feuenth in thes, that we have here cutte awaye the strapte muscles of those foure whiche knytte the there carthelage to the seconde, and the seconde carthelage appeareth

here moft bare og becouered.

The nouth doeth darpe from the eight in that, that we have taken awaye here, befode those muscles of late reherled, other foure oblique muscles of top-nynge the thylde to the seconde, and afterwarde two more sette at the thirde roote of the griftell, resseruing onely with the three griftels & muscles that knit the thirde to the firste.

The tenth offreth him selfe to be sene at the former seate of the wynde pype, the firste grystell beynge taken awaye, and nothinge but the muscles with the seconde and thyrde cartelage or grystels (which muscles doe rome & thyrd grystel to the thyrde) are

pearynge.

The eleuenth lerueth not to beclare the mulcles of the winde pype, but we have drawen thys with the other two folowings the winde pype bescause of the tongue. Here the winde pype is expressed for fro the rest of the stompe of the sharpe arterye and hys common muscles, which thaving styll his cover, doeth leane byon hys backe and bynder parte shewing his byper face.

The twelfth differeth fro the eleventh in that thes contenneth the lower feate of the wonde pope, which

che is let furth bnto pout

The thyrtenth table barpeth frome the thelfth to

#### The table of the ritt. fogures of the wynde pype.

the somether that it representes to be the opening of the wonde pope or the loghfell tongue to be more thanks together and thorte in then in the other. Here followeth the beclaration of the karacters. In the together and 3 note the bone called Hyoider, not fully deliquered from his thinne concringes or particles.

pannicles.

In the fielte 2 and 3 shewe the lower spoe of the bone Moides bounde buto the baper processe of the gryftell lyke a flylde, which c boeth thewe at 2.3.

and 4 In the first and othirde, the hygher syde of obone Hyoider is noted cut a way there from of let where as

E Ets weptten. F 3 mulcle ipppngrige furth from the lower feate of the bone Hyoides and grafte in the lower fcate of the

firft carthelage of griftel. In the first fraure bothe the ryghte and the left are sene, but in the seconde the ryght onely.

G I muscle brought from the heith of the hyndre bone into the lower feate of the firste griftell. The fysite also expresseth bothe the right and the lefte, but the feconde expresseth no moore but a portion of the right mufcle.

H The stomacke or hys necke fene at 2.3 and 5.

Amultle comming from the latter leate of the stos macke, grafte in the spoe of the grystel whiche the weth lyke a shylde, and the thylde sheweth almoste all the ryght and the lefte, and chiefelye the begyn= nyinge of them both. The feconde theweth the ryaht with a berye small postion of the lefte. The fift erprefleth the infertion of the lefte, as lykewyle the frifte and the fourth doe also thewe the infertion of them bothe.

A Here are two misseles buknowen to the professours of diffection, (pringping fro the bene lyke va graft in the roote of the couer of the wonde pype, thefeare fene in fleconde, the the and fourth frqure.

L Epiglottis is called in Englythe the court of the winde pppe, whiche is fene in the seconde fygure, and afterwarde at .3.4.5.6. and.11.

M Certapne karnels topued to the roote of the throte! at the lydes of the Marpe arterye at .2.3.4. and 5.

I mulcle Aretched farth frome the furft gryftell to the feconde, at the otter mulcle of topppinge the firste carthelage to the seconde. In the firste is sene parte of the ryghte mulcleand of the left, and both of them appeare whole in the fourth.

I muscle ftretched frome the leconde griftell into the firste, or the inner muscle on the other side of the which do knyt the feconde carthelage or gryftel, to the first, and the lefte is onely shewed in the fifte.

2 Amuscle bayngynge his begynnynge in the backe parte frome the lower feate of the feconde gryftell and grafte in the thirde gryftell. The fyrte fheweth the lefte and the righte. The seventh sheweth the right and somwhat the lefte.

The leate of the forelapte mulcle in the epolit and the nynth.

I muscle communge frome the spee of the seconde griffell, and graft in the thyade gryffel, the feuenth and epght theme only the reght.

The bought of holownes of the leconde carthelage noted in the epobland the nouth, to behome the neas

ther processe of the first gryftel noted with T in the

erght and nonth doeth growe,

A mulcle obterninge his lituation in the rote of & thyrde gryftel. The lyrte representeth thys mufcle on bothe fpdes . The feuenth theweth a portion of the right and the lette, and the eighte theweth alfo the ryaht.

X In the nynth figure is thewed a bought into whom falleth a muscle occuppenge the roote of the thirde gryftell on the other fyde expreste with thes karac-

· A mulcle springpinge frome the whole length of the fpalt carthelage and graft in the thirde, or the muscle that coupleth the thirde to the fpilte, the tenth frgure the weth the righte with a and the left with

b, the friste groftell beginge taken awape. The fe= uenth, the erght and the nguth doe expresse & whole muscle on the ryght spoe noted with and the high er seate of & left, for which cause I have set in these

. The upper leate of the lyghtel tenge og & openyng place, whiche is in the myddle of the wynde pype, is

Cene in this fygure.

d The lower parte of the tonque, whiche we have more openlye expressed in the thirtenth then in the twelfte.

Two bowtes of either lyde one, which when glygh: tel tongue of the opening place is that a cloted bo appeare in the lower leate of the laybe tongue at the lydes: bothe in the twelfeth and thystenth fy= gure .

I certagne harbenes lyke the harbenes of a braune called in Latyne Callus, apearinge in the myddle of the thynne or opening place where he chiefely con-

terneth him in the thirtenth.

Left garpftels not marked with any letters might cause anye difficultye or hardnes of buderstans dynge, we chall formwhat note theym with letters! as here after pou shall percepue, & noteth the fysite griftell offerenge hym felfe in the firste figure, and afterwarde in the 2.4.5.12.13;

b The fyilt gryftell in the thyrde fygure and in the 6.7.8.9 offering him felfe on the backfide

The feconde gryftel fene on the foze fibe in the first 2.4.5.7.8.9.10 12.13

& The feconde gryftel fene on the backelpde in the fprtc.7.8.9.11,12,13.

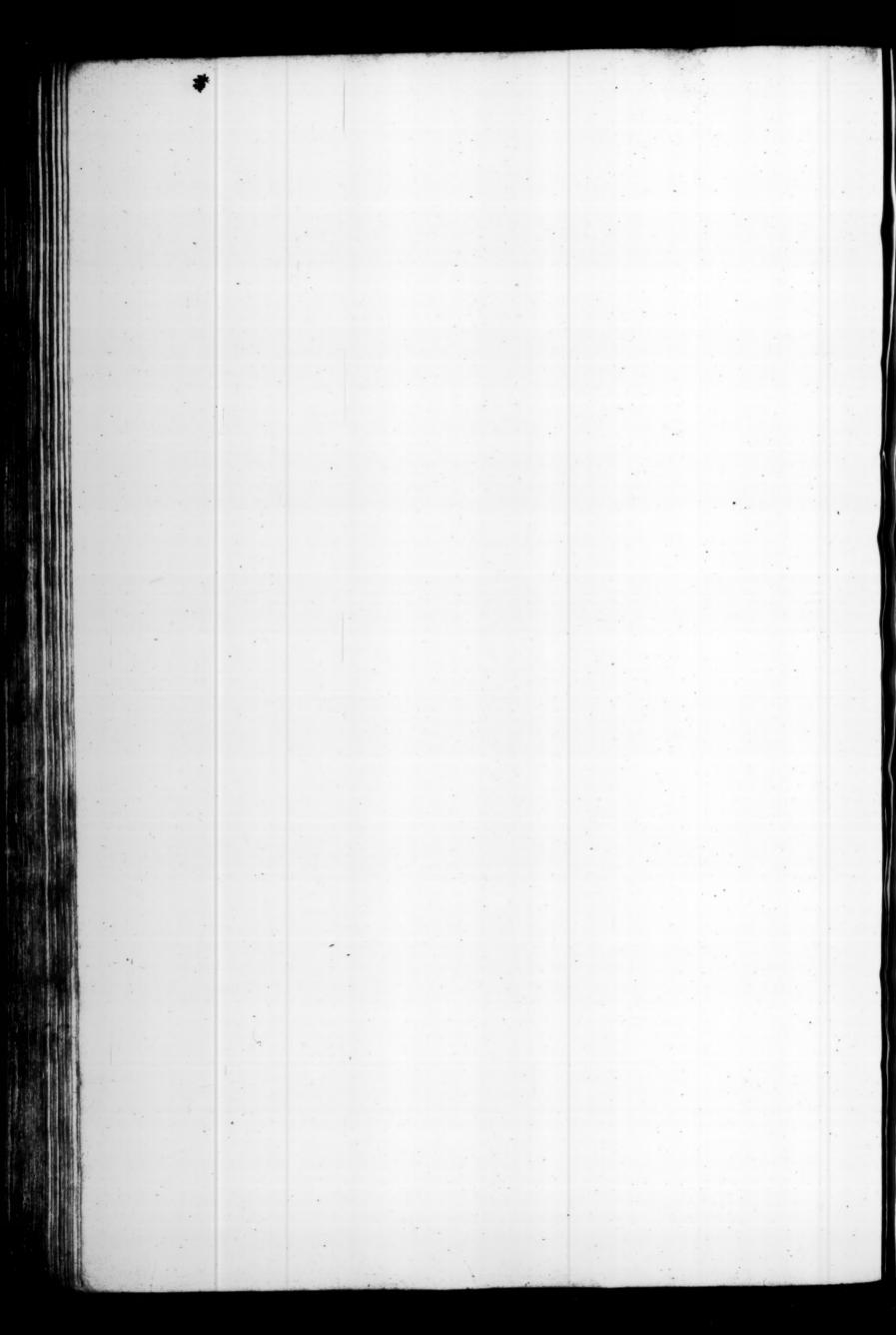
1 The thyrde gryftelf fene in the feconde.3.6.7.8.9.

The declaration of the fourtenth fygure.

he fourtenth differeth frome the forte in that that they theweth priuative the muscles, whiche I haue fene drawen furth from the Charpe poynte of the seconde grystell, to the lower processe of the fyrite gry=

stell, and by A & A, is the wed the fyzite gryftell of the wonde pape & the weth the popute of the fecond gryffell, but co pappopnte two muscles takpinge they begranging from the popute of & feconde gry? stell, and grafte in the fyatte grystel,





# . 2017 The france of the Bulder of the parter of the

The interpretacion of the karacters of the table, whiche she weth the muscles of the yarde.

De fylle fygure of this body layde gro: welyng on the table, pf you call your epe bies, boeth thewe the thyghes fires thed furth on both lydes, with p body of the parde, and the purie or bagge wherin p stones or testicles are contenned, with allo the layde testicles, the skyn, the far, the beynes, the lynowes and the arteries in euery place cut awaye.

2. The fecond figure theweth almost the bare bones. which be topned to the fides of the holy bone fis to fage: the haunche bone and the hyppe bone, and to thefe hange pet certaine postions of g thigh bones, with the mulcles of the arce and of the parde, which we have caused to hange frome their sprynginge furth, that the begynnynge of the bodyes of the parde and the bame, and of the common wayes to the fede myght there be fene where he is bowed bp= warde bider the bone of the pringe membres,

3 The thyrde theweth the parde to be cutte ouers thwartige, that the fubitaunce of the bodges of the parde with the goinge together of those bodyes: 1,2,3,4, and howe the wapes of the feede and the brine are knitte buto them, might the better be fene.

The fourth fygure theweth to be fene the whole parde here fretched furth with the bladder that the proper mufcles of the necke of the blabbermighte be percepued.

MB.1.2. 3.4. Two bodyes of & parte, which to collitute and make in maner the whole parte.

The fpipngynge furthe of the two bodyes of the

4. The head of the parde called glans, which forme cal the prepute or bpper fayme thenkeng truot meete to call it by the name of glans,

A flibstaunce of the bodyes of the pardelyke to a E.F.3. tode flocke of mustumpe and is redde.

A toppyinge together one with the other of the bos F.3. Dyes of the yarde, and the lynowye substaunce, whi= the lyke a circle compasseth aboute the forelayde fubstaunces.

G.1.2.3. The wave of & bladder ferupage as well to the be rine as to the febe.

The two first muscles of the parde, kepynge they? feate in the fysit figure and in the seconde hanging

bowne from they beginninge. The two latter muscles of the parde, or the thyrde K.L.1.2. and fourth, whiche in the firste figure oz whole, and in the feconde are hanginge Downe frome they infertion.

M,1,2, A muscle compassing aboutelyke a circle, the ende of the Grayghte gutte, and is the authour of purginge the excrementes.

N.4 The mufcle of the necke of the bladder, reftrayning the bime that it maye not fall furth withoute confent of oure well.

0,0,2. I pannicle of theme concerning occupying the hos

P.2. A rounde lygament communge frome the hyppe bone, grafte in the rounde heade of the thigh.

Q.4 The bodge of the bladder. He autom sching adago? R.4 Anarnetive bodge, receaupinge the infertion of the bellels that cary forth the leve.

Small portions of the waves through whome the bipne is brought from the repnes into the bladber! T.T.4. Small portions of the waves that cafte forthethe fede into p necke of the bladder: 200e hauenos mare ked here with caracters the muscles whiche in the fraft fraure byd compafe the thyghe aboute, bpcause they are moste orligedy fet forth in the tables of muscles .

> The declaratyon of the karacters of the great vayne called vena porta, delyues red from all the partes whyche are a=

X, A, A.etc.

Ith thefe caracters are the wed frue springinges of braunches forth, of Vena porta, sprede abrode ouer al the boope of the louer, and expetor thape of the lyuer accor=

oping to has holow lyde. Venaporta, (excepte cometyme they are fewer) of who the body is constituted, or in to whome the layd bodre of thalke is degetted into the substaunce of the

In thes place the great bayne, called Fens ports, is lene where he is fene fyaft cleare of al the Cubitance of the lyuer, and greatest, and also moste longest. Two linale braunches goping into the bessel of co-

ler lette in the holowe feate of the lyuer.

I beyne cumpange furth to the backe lybe of the lower necke of the stomacke.

In thes place the Venaportais parted into two great trunckes or flockes.

The lefte truncke og focke and the hygher.

The right truncke or stocke and the lower.

H A beyne crepying through the right syde of the bots tome of the flomacke, gewinge out his final braun-ches both to that leate, and to the right parte of the opper pannicle of the caule.

I. A bepne geuen furth to the longe gutte called Duodenum, and to the beginning of the hungry of fae ftinge gut called Teinnum,

In arme or braunche goynge furth with certaphe smal braunches into the ryghte region of the knob or fwellinge of the name in that place where it los keth towarde the backe.

L'A bepne runnphge furth in the reghte leate of the lower pannicle of the caule and to the great gutte, by the whiche he is broughte to the lapde great quis called colum

M Certayne sprynginges furth sprede abrode fro the lefte truncke or frocke into the karnelipe and glan-

discuss bodye of the neather skynne of the cause.

Notable beine clymnings, crosebles by onder the mawe (where the mawe booth leans but the backs, towards the highest necks of him. To the

o whiche place befoze he commeth he bringeth furth a circle or braunche on both fpdes marked with o,

# The declaration of the haracters of the holowe bayne.

Tprebe on the make on the same Cobe where he lyeth to the backe. And I theweth the reflection of thes presente bepne, by the ryght spoe of the necke of the

2 mame, in to the former feate of the lame, But Lihe= wethe other part of thes beene procedeng in order and compationat aboute the lapbe necke like a crowie. The Madowe wherewith we have formwhat A, A, A. gamilyed this beyne, here as in pother declaratio of bepnes, fynomes a arteries, both make a knows leage or diffeuerping of the part of & bayne brought furth into the hynder end moze hydde, partes from that feate, whiche is fene on the former parte or whiche is nexte to the epes.

A braunche of a bepne compallynge aboute the bp per necke of the mawe, whyche gornge and proces byinge by the upper partes therof lendeth certapne braunches to the neather mouthe of the mawe caflynge abzode manye fmall circles oz bzaunches, in the procedynge of the larbe mame bothe to the for-

mer part and the hynder.

I somwhat bygger bepne runnynge furth weth plentiful circles or braunches into the neather pans nicle of the caule, and to the acce gutte by whyche wage he is fretched furth to the make of bentry

T.T A beupbyinge of aretching furth of the left truncke

or flocke, where he goeth to the fplene.

A lytle bepne bety bed into the lefte feate of the las wer parmicle of the caule, whole roote bycaule it is nowe and then wantynge) we have lette it furth in the whole fregure, expressing the have let beneth by him celfe, wherin T theweth a verne stretched furth to the fplene, beynge cutte of , at bothe endes, where thes prefente beene is appointed to be by thes letter ?.

I, I & begne commyng from the braunches that goe to the hyghest parte of the splene, and goynge to the lefte fpoc of the bentetcle.

There is also a like begine to & which both & X, X did

note and thewe. A beyne crepynge to the lefte feate at the bottome or neather parte of the bentricle ; offerpinge manpe

braunches to the mawe and to the bpper paunicle of the canell.

By these karacters is thewed the distribution of the begins into the substance of the splene so thicke that they the we the berre thape of the fplene amongelt them Celues.

1,1,1. The fraste order or gopnge furthe of the ryghte truncke of Venaporta, into the place called mefenteria and thele beynes there fpredde abroade are called meferaica, media & lactea, that 18 to fay: the mybole and the whote or mplage barne.

A bapne fretched furthe on the greate gutte called colum other tople the arle gutte where he is led furth

ferder to the strayte gutte.

101

Ocavic gutte, with braunches carred furth on the

farbe guite as the barne boeth goe. The more aboute the ende of the Arapte gutte,

activication posts (of dead to state of the state of the

The declaratyon of the karacters of all the holowe vaynes according to the delineation, whych thys pagyn folowyng putteth furth.

Dele thre karacters note the forongong furth from the holowe barne where he groweth to the lyuer, bi= ftributed abzoade in euerpe place on the gibbolite of the lyuer to= warde the lefte lyde, with very ma=

nye braunches. But the other forpngynge furth in to the ryghte lyde of the lyuer worth manye small braunches, we have lefte withoute karacters, like= wyle as we have lefte the spanginge furth of the holow bayne withoute karacters also, neyther have we any thonge prinative marked on the ryght fode, lefte we shoulde therewith have darkened the des clarations, for the whiche cause you mape see the ryghte lyde is moose clearer frome karacters then the lefte.

Thefe thynne braunches communge furth frome the holome lyde of the lyner are fette buder great braunches growing forth marked with A

The feat of the holowe bayne confelling betwene the gibbolyte of the lyuer and the myddryfe.

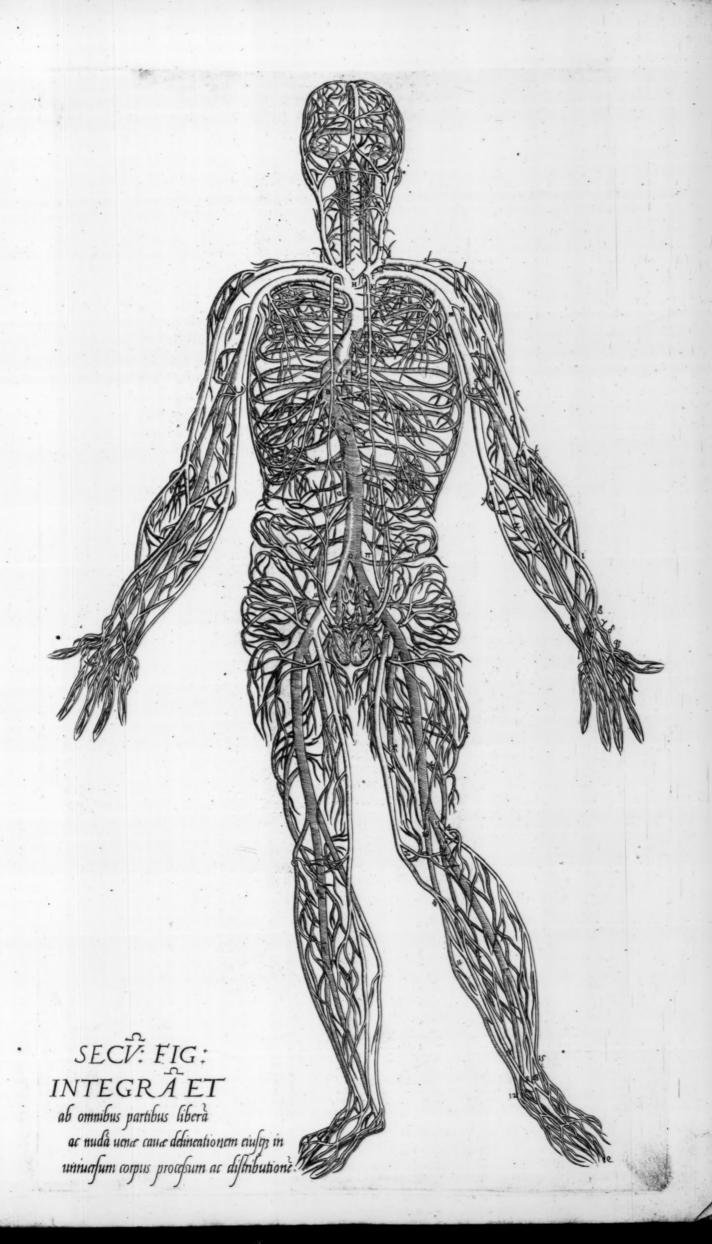
The left brauches fprynging forth of twayne, with the holowe bayne offecth to the myddzyfe, from the whythe come certagne circles to the infologinges of the harte .

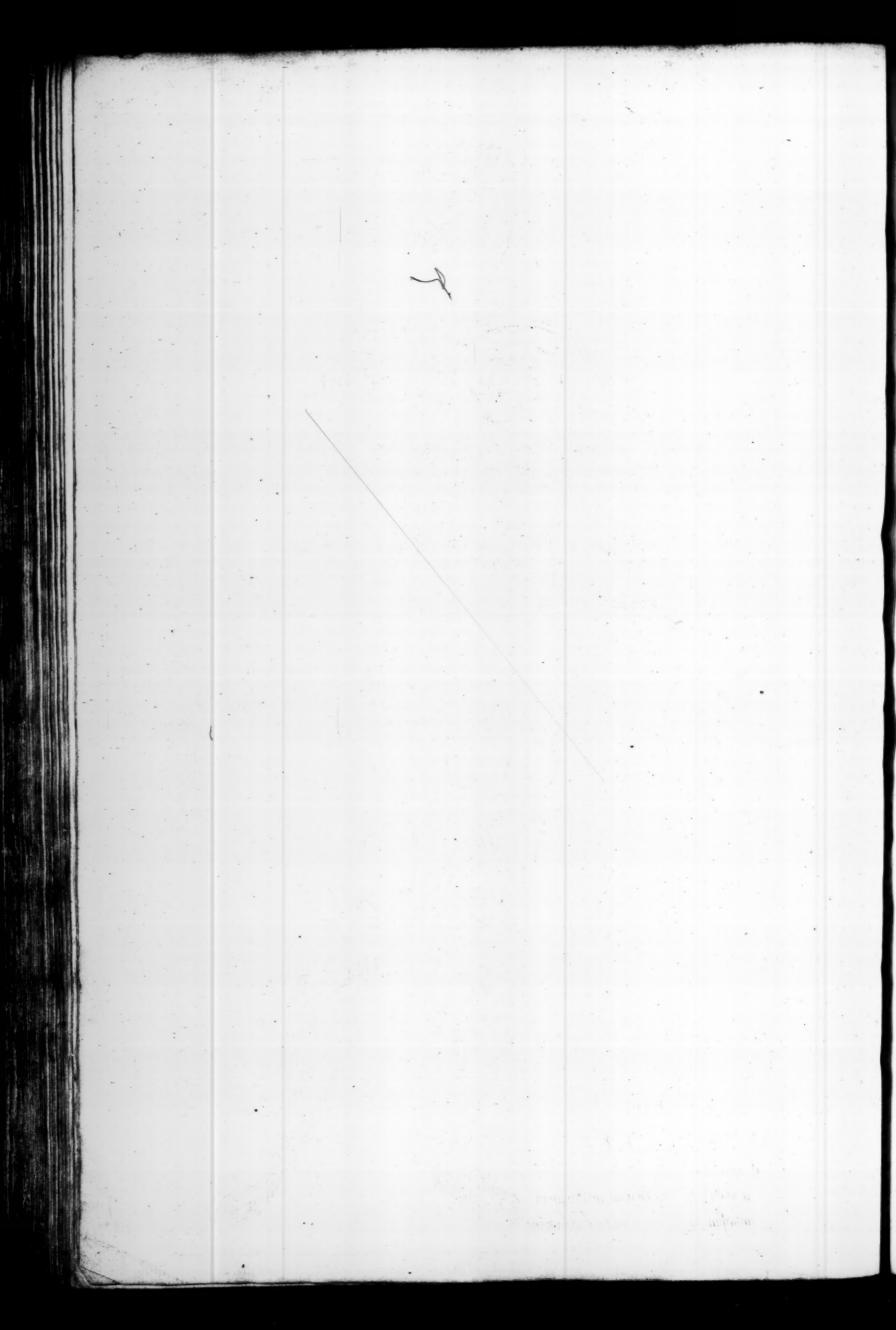
The necke of the holow baine goyng into the ryght bowt of the heart. I woulde you Moulde here bili-gently ferche and exquifytly beholde all the beclaracion of the layd holowe bayne, to confeder whee ther p necke of this holow bapne, both flablyfh ther hys begynning, epther at that parte of the bolome bayne where you le. A. a. mytten ouer the falke. And this baine crepeth downward forth by & back= fore of the louer, for whose fake he is bowed againe on the right fode, to muche as the feate of the louer to whome the stalke of the bolowe bapne is compts ted, both declyne on the ryght lyde from the mydle of the turnyng toyntes.

E The bayne like a crownehere embrafying the rote of the hearte, a fending from him felfe downward in circles by poutfobe of the fubftauce of the hearte butyll the point therof, and he is called in Greke, Siphaniata, and in Latyne Coronalis. And although this boeth apeare to fpzyng furth here fro the fozeleate of the necke of the holowe beyne, pet fpzyngeth he alwaye lyth he is lyinple or but one, from the latter feate of hys necke, as in the feuenth frgure of the heart you that percepue at this letter G.

F.F A bapnehaupnge without a felowe called in 1atyne Vena coniungis expers, whiche procedying frome the ryghte lyde of the holowe bayne, descendeth downwarde by the ryghte lyde of the tournynge ionntes almoste to the feconde toprite of the lopnes.

G.G Thefe karacters fet here at there at the Tydes of the papie lackynge a felowe doe thewe the fpapingong furth of the same bayne, that is to save those that goe in to the spaces betwene the cybbes, and aftermard into g mary of g becke, a do bying fouth theps braunches into the mulcles whethe are fromen on





## The declaration of the karacters of the holowe bayne.

the fit rnying toyntes and on the rybbes, genying also the strices to the thynne coneryinges whych compaffe aboute the amplitude of the brefte.

passe aboute the amplitude of the breste.

He particion of the holowe varne under the hygher seate of the breste bone by the former parte of the necke where the boutchers ble to putte theyr knyfe, in kyllynge oren and swynne.

I Derne gornge into the first rybbe of the breste bernge broughte ouerthwartlye to the arme hoole, there puttynge furth a fewe braunches, and constitutynge the same arme hoole.

A small beyne deceding hys brauches into g pannicle gerdynge aboute certagne of the bpper rybs bes on the same lyde.

L A before boder fleft froe of floone of the breft, defceding to flopper part of floady gening furth his branches to the griftels in floaces between, of the true rybbes, a afterwarde into fload pannicle, hedging in the brefte of the same lyde, and so to the muscles, which are strowed on the brefte, the skynne of the bealye. But he spredeth his chiefe braunches buder the strayte muscle of the bealye, whiche ending in certaine circles about the nauell beholdeth the endes of another bayne, ascending from the bottome byward and marked with I in the very same

M seate where we have affixed M.

N, N A beging graved by the hooles in the overthwarte processe of the tourning sogness of the necke going bywarde to the brayne panne, and offerging hys braunches to the marge in the backe topint by sognt, as also into the muscles springing in the sayd turning sogness of the necke. But by what reason this bagne is drawen by into the harde pannicle of the brayne called blually, the Dura mater, here although I intended to set it forth in thys table, yet shall you nevertheless eleme & course of it in the tygure proper to the vessels of the brayne, which is in number the syste, lykewyle as you shall there synde the course of all the other begines goinge in to & brayne

o A begne with muscles occupyenge the lower leate of the necke, and the opper leate of the breste nighe to the turnynge loyntes stretched furth with many twygges.

A bayne runnynge furth to the muscles spredde on the breste, to the skynne also there and to the berge teates.

d bayne goynge into the hynder parte of the brefte derined into the holowe feate of the shoulder and the muscles, there by the same. And nexte to thys are certaine small baynes runninge oute into the karnels of the arme hoole, of the which one of them is here set furth betwene?

A springing furth brought alonge the sides of the brest downward and principally distributed into genuscle, by the whyche muscle the backe and inmost part of the holowness of the armehole is constitute, and the arme brought downe backwarde.

The inner throte bayne, whiche spredeth hys send ber braunches on the spoe of the sharpe artery and on certagne synowes broughte thys way, and that whiche is lefte of hym, saugnge certagn braunches furth of him creapeth by into the scull, (whyche is cutsurth) dyners wayes, as I shall declare in the

befcription of the beffels of the branne?

The bittermofte or superficiall Juguler bayne. But manye men doe cal them the Juguler baynes (whiche the Grekes call sphagitide) whyche are broughte furth frome the bolowe bayne parted in twapne into the amplitude of the brefte bover the hyghest seate of the breste bone . But some other men wyll not so call all theym, that is to save: the whole trunckes of thes deutlion, the Juguler bap= nes. But g part of them, whych is sene wequed and knytte in the neckes about the canell bone. But in the interpreters of the Arabians we funde the Auguler bapnes called thus Guides, Guades and fomtime (the woude being corrupted) called Grandes, fpbragitis das, Lueniles, Penfiles, Organicas, Substicas, Vertiginofas, Apoples ticas, baynes of Aeppinge. And thus they call bothe the inner and the otter baynes, the outwarde bay= nes they call the open baynes: and the inner bays nes they call the hydde and drowned baynes. Fer= thermore, here you have declared buto you the ozder of & beter theote bayne (as it hath often appeas red buto bs) where he creapeth furth aboue by the lyde of the necke, puttynge furth onelye certagne circles into the feates next by hym.

The distribution of the biter Juguler bayne nighe

to the James into two braunches.

I braunche of the btter Juguler bayne goynge boder the inlyde of the mouth a there digested dysucrdye into the wynde pype, and the muscles of the bone called Hyoides, whiche is lyke vinto the tongue the rouse of the mouthe and the ampletude of the nostrels, and laste of all into the brayne panne with thre braunches caryinge certaine cyrcles into the eyes.

The otter beaunch of the division of the otter Just guler vaying made by & Jawes, whiche with many vayings is digested into the muscles of the face and the skyline, and afterwards to the temples & al the

Thymneof the heade behinde the eares .

And Z sheweth a position of thys boughte noted with r whiche is stretched furth into the face, but 9 sheweth the bayne of the foseheade, and a positi-

on crepynge by alonge the temples and \* Theweth that whiche is carred to the skynne of the hynder parte of the head behinde & eares. But & rest of the baynes here in the heave, belongeth to the bestell of the brane, and we have marked them here with no haracters bycaule they Malbe properlye and in order expreste in the syrte figure . Reuertheleste yf anye man woulde occupye and lette furth with bas racters thys Chape of the holowe bayne after that maner as we have done in the nonth fogure, whiche shall declare the baynes with the arteryes, lethim fet the fyzite karacter on the ryghte fybe, that that Same karacter maye thewe the ryght of the fyill of the boughtes of the harde parmicle of the brayne, otherwife called Duramater, here ftreched furth lyke a fempcircle. And to fette the fecond on the left Noe or in the leconde bought of the pannicle, whiche is carred forth on glefte lyde after the maner of a sempcircle. And the thyrde karacter to be set in the thy de boughte of the harde parmicle, whiche be= gynneth where the fyllte and the leconde or where the two halfe rounde circles doe comme together,

#### The declaration of the karacters of the holowe barne.

and were from thepm. Inother femplicele is as it were reached bywarde, whose hynder parte nyghe to the backe parte of the heade is sene Chadowed, but hys former parte, why che goeth to the forehead ts cleare and banghte. The fourth boughte of the harde pannycle, whyche you shall hereafter per= cepue, to springe furth frome the former seate of the runninges together of the layde thre boughtes, and to be led furth strapte forwarde into his place, is not declared here. But it is noted in the nonth fogure with T. furthermoze, after thefe thre karacters thuld fucceade a folow the fourth, which bepage putte in the roote of the fyalt bought of the harde pannicle, thoulde the we the commynge mot the varue noted with N, and afterwards also the companie in of the boughtes of the inner Juguler bayne, whiche goeth binder the fcull by the hoole of the lyre pape of lynowes of the brayne. By the fyft haracter the bought of the inner throte bayne running furth by his proper hole into pfyces of phard panicle of p brayne fould be lignified or marked. and the forte Moulde note the braunche of the bt= ter Juguler bayne, whyche by hys proper hoole at the rote a the hinder feate of the out fwelling called Mamillaris processus, whych hoole is fette at the bone of the temple, goeth bider in to the fcull . And bes Type thefe and other alfo, there myght one karacter more have bene wrytten on & finall bapnes brought in the Chadowe binder the bayne of the forheade, marked with 9, that those baynes might be insynu-ate of shewed which crepe into the brayne panne by the feate about the browes, wheron the inftrumens tes of finellynge doe lye, and by the hoole which is covered bycause of the seconde payze of synowes of the braine. And al these I inteded to have set furth there with notes, but y I purpose to expresse them more plentifully in y sprt table following, because it was not expedient to take in hande the difcripti= on or order of the bellels of the brapue without the arteries lith that, not only baynes are diocke by in the boughtes or holownes of the harde pannicle, but with thepm the arteryesallo, and the layde boughte or holownes doc the office and duetve of the artery aswel as of the baynes. But in g meane space I would not disalowe this delineation of the holowe bayne, but that the studientes here maye nowe affire some karacters in the progression of the beffels of the brayne out of the lyxte fygure, oz takynge erample, as I haue layde before, fro the nonth fogure, which doeth expresse them with these letters one after another, tt,un,xx,f,s,x,u.

Bothe thele . . Thewe a bayne of the fhoulder, but by the bpper is fignified the roote of hys fpipn= gong furth from & outward Juguler bayne noted with T, and the lower . Theweth the feate of the Coulder bayne, where the Choulder bayne com= methodome from aboue into the Taprine of the out fpde of the arme. And I will shewe here after the names of these baynes, whan I have made an ende of the discription of the hande, because of the divers fite of names genen tothes bayne by the interpre-

ters of the Arabians.

A fpayngynge furth or braunche gopnge oute of thes thoulder bapne, from hes higher feate, not fer

frome hys commyng furth, speede abzode into the bynder muscles of the necke and the Chynne there. Another springinge furth of the Moulder barne running furth with many beaunches into the knob

bye seate of the shoulder pointe. A bayne springinge out from the shoulder bayne before it commeth to that place where it both go in harde and depe under the heigth of the shoulder, whiche is digested into the saying of the hyghest fyde of the Moulder, a into the outlyde of the muscle whiche lyfteth by the arme, and fomtyme also in to the teates.

e.e.c. Certapne thymne baynes goynge into the Chynne at the outlide of the arme from the Moulder bapne and sprynging forth also into the former region of the fysit muscle of the bowers of the cubyte.

The deution of the Moulder vapue nigh buto the btter knobbe into the braunches, whych are fome= tyme sene equall together and of one bygnes, and fomtyme buequall and leffe one then the other.

g The fyelt beaunche of the layd deutlion why che is into three of the Moulder bayne, lynckynge downe depe, and remnying forthe bider the heades of the muscles goynge out from the btter knobbe of the

The feconde braunche of the fayde tripertyte Deuts fion whych brought downe crokedly bnder the fkyn to the impole feate of the bointe of the cubyte. Joy= neth with a braunche of the bayne of the arme hole to be marked with t. and with that he boeth conftitute the comune bapne, on whome a is waytten.

; The thyade braunche of the fayd tripartite Deuisia on going fouth by the leffe bone of the cubite flope: wyle into the btter region of the fame, and caftying abrode hys smale baynes into the skynne nerte to hym, of the whych barnes the principall is marked & with & which he putteth furth as it were backward to the biter (kpnne of the feate of the iopnte of the cubyte. When thes prefent brauche crepping crofe= wyleafter thys maner cometh to the roote of the

wreste ryght agaynste the appendaunce of the bigger bone of the cubyte (that is to laye: where ! is winten) where the varies, whiche come furth of the braunche that springeth oute of the barne of the arme hole to be marked here after with x, is top= ned to hym, and frome thys braunche of the armie boole bayne, with the braunche of the Moulder bayne, epfeth and groweth one bayne going with a dinerle order of branches to the leate of the west, and to the backe parte of the laybe welfe binder the lytle finger : pea butothe litle fynger it felfe, and as it were to the rynge finger.

m The vayne of the arme hoole whole names thall be Mortelpe here after rehearled, and " benoteth a braunche of the bayne of the armehoole, derpued into the heades of the muscles that thouse furth

the cubite.

A braunche ftretched furtheto the fore land mul cles and to the hynder skynne of the seate of the

weefte.

p Anotable spapngpnge furth broughte crokedipe downewarde bider the Choulder towarde the outwarde knobbes of the same, whiche geupinge braunches to the muscles bryngpige fromethence

## The declaration of the haracters of the holowe bayne.

their beginninge is broughte somwhat ferder into the outer seate of the cubite, with the fourth synowe of those synowes, whiche doe goe to the arme.

I deutition of the dayne of the arme hoole into two trunckes or stockes, where the one is marked with a hydde depe in the arme, by all his processe and he is likewise carped furth as is the arterye of the hade, as you shall well perceaue in frygure of all the greate arterye. And the other truncke of the sayde dayne of the arme hoole on whome r is written, which shalbe called the arme hoole dayne through out the whole course of oure declaration, runneth furth energy waye boder the skynne, and goeth into diverse draunches. But you shall sometyme see this dayne set hygher then you see him here, which is less agreying thersore to the description of Galenthen this is.

A vayine congrige fro the arms hole vayine into the skyime in the former seate of the arms, and somestyines also digested into the skyime of the byinder

feate of the arme.

The former braunche of the bayne of the armehole of hys division, whiche is here sene nyghe to the skynne of the inner knobbe of the shoulder, thys present braunche marked with is carred crokedive buder the skynne to the myddle seate of the bought of the toynt of y cubyte, and there toyning into one with shoulder bayne marked with booe both together make the common bayne on whome at stette.

The hynder vayne of the two vaynes into the whithe the Moulder vayne was decided, whiche is by
the inner knobbe of the Moulder, whiche ipzedeth
abzode from him manye and diverle braunches.

\*\* A braunche of the latter vayne noted with " which is broughte downewarde to the wreste under the bygger bone of the cubyte, and goynge abroade in to the skynne nigh unto him offereth a braunche, to the braunche of the shoulder vayne which goeth to the wreste by the lytle singer.

to the wreste by the lytle finger.

A bayne runnynge furth into the fkynne of the late

ter feate of the cubyte toynte.

abzode into the lkynne of the inner leate of the cubyte. And afterwarde runninge furth into the lkyn
ar the inner leate of the height of the hand, but the
bypermooze a noteth a vayne byingynge hys begynning from a bzaunche of the vayne, comminge
frome the arme hoole marked with the bzaunche of
ther armehoole marked with a value of
the armehoole marked with a value of
the armehoole marked with a not offereth to the
inner region of the cubyte.

The topnynge together of the baynes, whych folde and tourne in the hyll of baynes with the braunch to be marked with A. Ind thys braunche is the springing out a boughtes of those baynes, which crepe furth to the biter leate at the highest parte

of the hand betwene & thombe, and the forefynger.

The common bayne which is made fro the brauch of the bayne commynge from the arme hoole mate ked with e, and the braunch of the Moulder bayne noted with b, whiche is reached oute descendinge Ropewyle by the inner leate of the cubyte, to the lesse bone of the same, and then afterwarde when it

hath gone ouer the lapo leffe bone of & cubpte, he runneth forth into & bitter leate of & cubpte, for the neather region of the lame, callynge abroade certaine braunches in hys goynge forth to the nexternance to home.

Chapte to hom. The biuilion of the common bayne nigh to the lo wer parte of the leffe bone of the cubyte, where he beholdeth the wreste muche lyke a Y of A whose other legge marked with a commeth to the outer feate of the hergth of the hande, whrothis fubiecte to the thombe and forefringer, a to the knombe with the forefinger also, and devideth a small braunche marcked with a into the inner force of the bands, but his other legge marked with a is shroncke by or bestowed towards the myder and the ring fynger. We thinke at he beste to speake some what of the braunches & grato the bitter seate at the heighth of the hands because then batte manne does beygth of the hande, bycaule they have manye by= verle names genen to theym by dyuerle of our 1961 litions, and because they come often and in manye places in lyghte, where on the Philitions do Cale-lye agre, therfoze doe we thinke belte to geue them barborous bocables and names, The Grekes and the Latyne Philitions doe scacelye in all the whole hande call anye beynes (a fewe onelye excepte) by they proper names. For they called & bayne, which runneth forth by pinfibe of parme or parme boole in both the armes the arme hoole bayne, lykewyle as they doe cal & inner bayne of & cubite by & name of & cubite bapne, because it ig ftretched furth principallye by the infroe of the cubyte. But speciallye they call the armehoole bayne of the ryght hand, lecoraria, that is to laye: the lyuer bayne, because they are wonte to open and deupde it in the difeas les of the lyuer, and the lapbe bayne commynge fro the armehoole on the lefte fpde they call Lienaria, be= cause they open it often in the diseases of the splene. And lphewple Omiaia or the thoulder barne marked with a optameth alfo his name because be is caried by the Moulder to the hande, and lohe is the biter bayne of the cubyte, because he crepeth by the out= ter lyde thereof . And it lemeth that Hypocrates in hys boke of toyntes calleth this bayne Vens craffa the groffe and thycke bayne, and bycaufe the difeales of the heade are healed by openinge thys bayne; it is called also Vena capitis, the heade bayne. Ind the brauches noted with bor, which do constitute the common bayne, whiche is marked with a, they call the myddle baynes, bycause m bowinge the cubite they are broughteto the myddle, or because they are in the myddest betwene the biter and the inner bayne of & cubyte, & bycaule of their croked procebynges they are some tyme also called the oblique baynes . And they call that the common whiche is marked with a whiche ryleth frome the braunches noted with bot, and is common to the inner athe btter baynes of the cubyte, Belide thele names you Chall scalelye fynde anye other names amongest the. But pf pou ouerturne the bokes of the Arabians you thall fynde euerpe where heapes of whythe doneuer ferue for the bayne wherto they are geue. And that I maye formwhat more certagnely speake and declare of thefe names, for they lakes, whyche are studious, and doe often tymes lette me with C, bL

## The declaration of the haracters of the holowe bayne.

thele names, when I am in mp Anatomple, I will reherle thosenames, why the the interpreters of As uicen doe geue, the whyche are redde in the fyzite fen, of the fysite boke, the fift doctrine & the fourth chapter, in the whyche chapter Auicen doeth pur= poselye describe the baynes of the handes, takyinge the order of theym frome Balen in the thyrde boke entituled & ogder of fectio, og rather fro Daibalius, the which Auteen or his interpreter both cal & part of the Moulder bayne, whiche is brought frome the Otter theote vayne into that parte, where as the Choulder vayne goeth first binder the Chynne of the arme, whiche parte is noted in oure declaration with a coa, they cal it I fay the spatuler bayne. And he calleth that where the Moulder vayne is strets ched furth on the arme Cephalica, that is to fage the beade bayne, or the bayne of the heade, and thys is contepned beneath the neather a betwene a of. The thyrde braunche of the shoulder bayne on whom we haue let i he called funembrachii, that is, the cozde of the arme, and he calleth Axillaris, Affellaris, whiche is the vapne runnings by the arms hoole, and he cal= leth the common bapne marked with a the blake bapne, and where thele doe go Copewyle to the leffe bone of the cubyte, he calleth it Bafilica, and g part of the other legge of the common bayne that is to fape: of the Demilion that we lykened to 701 Y led furth buder the forefynger and the rynge fynger Auteen calleth Syelen, and some tyme the Arabians and the barbarous men doe call it syelem, whych is constituted nighe to the wreste and commeth frome the braunche of the Choulder bayne noted with i and fro a braunche of the bapne by the armehole noted with x, and it is noted with 1, the whiche Auteen boeth gene to frame bepne those names, the which names the common forte of Philttions Doe geue to the armehoole bayne, and befode thes he calleth the same bayne saluatellam & fabubris vena, that is to fave, the faluringe and healthe bapnes. And agapne another forte there are whiche doe call the braunch of & comon bapne noted with y Salutella vena which is stretched furth frome the common bapne towarde the region the thombe and the forefynger, and to thys they doe gene thefe names, that the Coulder bapne is called by. Dozeouer, & armehoole bapne Axillaris bena apeareth to the philitios to be Bafilica & fomtymes Nigra and Comtyme funis brachii, with lyke other. And they cal the shoulder banne, gege bapne Athe care bayne, becaule the inflamatios of pepes and eares are healed by thefe bapnes, not because sthathe the begynnynge bnder the care, whiche thynge Aristotle byd folyshely teache. And the com mon bapne is called of the common fogte Media Me diana & Corporalis,

a portion of the holowe varne, by the whyche the nutriment is ministred to the neather partes of the

bodyc.

\* A vapue runnynge furth into the fat pannicle and coate of the lefte kydnay, and the leates nigh there buto.

a greate bayne reached furth to the righte kyd=

nave.

a greate bapne goynge to the lefte kydnape. And thus lykelple as the tryghte because it doeth con-

uape ethe bayne by hym selfe, the bloude downe to the kydneyes, and there is mylked from it an hus mour lyke whape therefore is it called comonly the mylker or mylkynge bayne.

a braunche brought from the bayne that goeth in to the ryght kydnaye, whiche doeth runne furth in to the fatte coate of the layde ryght kydnaye.

a, The lefte fede bapne.

ин The ryghte febe bayne.

These baynes do communicate and gather in their goynge furth pounge twygges or lytle braunches, to Peritonium called Siphach, wherby they are fastened and doe cleave at § backe powryng out abrode their braunches to the thynne coveringes, where with the stone, and § bestels of generation are composed and wrapped in.

The feate of the fede baynes, where they beginne fyrite to be folden in and to tourne together after the maner of parices, whiche are broade swellinge baynes otherwise called broded baynes.

a bayne with manye toyntes of springinges furth goinge from the holowe bayne into the marye of the backe, which marpe is contayned in the turning toyntes of the loynes, and thence procedeth into the sayde cournings toyntes of the loynes, and into the muscles with the peritonium which doe the sayd tournings toyntes on.

a partition of the holowe bayne, about the begyne nynge of the holye bone, into two trunckes or from

kesnot much bulyke A v oz V.

was also into the muscles of Abdomen or the btate ter rymme of the bealpe, called Abtrach.

Certayne final braunches fende furth into the bpa

permoze booles of the boly bone.

g, o A deuilion or distribution of the great left truncke or stocke, which is boon & holy bone into two brasisches, of whome g sheweth the inner and o the bteter.

whiche we noted with e into the inner braunch whiche we noted with e into the muscles occupyinge the better seare of the haunche bone. And diges
fred ourthwartly with a plentifull order of braunches into the skynne of the bottockes and partes size
page nyghe therunto.

u The inner sprynginge furth of the sinner braunche noted with e and the braunches of his sprynginge furth be distributed in the lower hooles of the ho-

ipe bone. X and represses the rest of the braunches of thys inner springinge furth, even so much as in the similar the similar that it is so brought e furth to the muscles of the arce, to the bottome and the necke of the bladder, and in wormen also they are stretched furth to the lower seate in the bottome of the Matrix, and to the necke of the same.

o A bayne speed furth from the better beaunche which you see marked with and toynynge with the other inner beaunches noted g where it creapeth through the hoole of the bone about the preupe membres.

hoole in the bone about the preupe membres, a reacheth furth a small var ne bespoe all his other cor-

# The beclaration of the haracters of the bolo we bayne.

to the cuppe of the hippe bone, and is here fromed abzobe on themuscles of thes place.

Dere is noted one of the brauches of the bayne that goeth thosowe the hole in the bone about the priup membres, whych goeth bider & layine there, at the inspoe of the thyghe.

\* The going together of the reberled banne, with a braunche of the greate bayne destributed into the

legge, which is here marked with 2.

A bapne bipngyng his begynning from the bppers moze feate of the outer flocke of that greate bayne, where of focke perfeth thosowe the Sipbach of peritonis w, which offreth his braunches to the Siphach and to the fapn of the muscles of the belly, and among the other he clymeth by thiefly bnder the strayte muscle of the belly and about the place of the nauel bes page beupded into a fewe circles og braunches both beholde those braunches which come hether fro the bayne brought bider the bone of the brefte in the

A same place wher Mis write. The springing furth or braunche of a bayne goynge into the leg, whiche is drawen out into circles ouerthwartly to the pre=

uy members and the feates therby.

The fullte surnayinge furthe of the greate bayne gornge to the legge crepynge downewarde bider the skynne by the inner seate of the thyghe and the Myn to the heygth of the fote.

A 3 braunche of the formaginge fourth marked with O, going by the infide of the thygheto the preupe

members.

A braunche of the lapbe bought digested into the Ikynne of the former region of the thighe rowarde the oute spoes

II A braunche also of the sappe springing fourth, of fred to the fyzite muscle of moupinge the thune.

- Z Brauches of the land braunche, which are fent into the former feat of the knee, and into the hynder feat
- In this leate the formaginge fourth marked with o is by the former leate of the thin under the lkume deupded into dynerse and manyfolde braunches, and is here comodyoutlye opened in blude lettyng.

The foresappe braunche is ledde thys wave to the former feate of the inner ancle, and he is bronke by as you mave fee in the upper parte of the foote,

- O 3 braunche ftretched fourthe from the great bayne gognge into the thygh into the former region of the toynte of the hypbone, beupdyng fourth certagne braunches to the fain and the muscles of that same place.
- A braunche bryngynge furthe his armes to the fe= eenth and the ninth muscle of mounge the flynne, and to the fayme of the thyghe nyghe to the oute: warde lyde therof.

A great bayne digefted and gognge into the fyfte muscle of mournage the thighe,

By the toppying together of these two sprynginges 3.4 furth of braunches is constituted a bapne whiche fallynge oute betwene the muscles occupying the hynder leate of the thygh, and sendeth byward his braunches into the saynne of the thighe, whiche

5. brauch we have marked with 5, but & greater part 6. of the land bayne beyng marked with 6 is conuaps ed buder the laptine by the hamme of by the bought

of the knee and digelted into the faime of the calfe 7. with manye braunches where as you fe Twitten.

furthermoze the obscure a barche braunche whtche loketh towarde 8 oughte in thes veclaration to haue bene broughte moore downewarde, I can not tell by whose negligence or faulte it was (mone or & grauers) that it ended there as it doeth, but it shall be no great laboure to drawe him furth lower with your penne towarde thes fegure a lekewele as he is in the ryghte legge.

9. Abistribution into two braunches of the greate bayne goinge to the legge, where as thys bayne is contagned betwee the two neather heades of the

the inner braunche of the layde divilion, digested at the hynder muscles whiche do make the calfe oz the bealy of the Aynne, at the Thinne of the inlyde

11. of the fhinne and calle, where he is marked with 11. 12. A portion of the land braunche where 10 is fet fret= ched furth by the hynder feate of the inner ancle to the inlyde of the fote.

13. The bitter and the larger braunche of the deuision marked with 9 gopnae out frayte way into two other inequal fpzynginges furth oz braunches one

greater then the other.

The outer beaunche of the land deutlyon.

A poscion of the outer braunche of the Deuilyon cres

pringe furthe to the outer ancle. In inner fpzyngyng fourth of g deupfpon whych is broughte downewarde to the myddle of the former Myn bone a the hynder where thele two bones open one agapufte another betwene the muscles growynge at the hyader parte of the flymbone and the seate of the lesse shouse, and the lygamente that byndeth togethen these bones alonge the hole Mynne.

17. A Deutlion of the inner fpayngynge furth market with 16 lette at the myddle of the longitude of the And thes lendeth furth another braunche to the lower partes of the foote betwene the beeles and the Chynue bone, and another alfo betwene the

beele and the backe bone of the Chynne.

18. A fpargge or lytic braunche of the lafte ceherleb braunche whiche is digested into the bpper partes of the foote, betwene the former Chonne bone and the hynder, by the thynne couerynge ligamente of the larde bones, and is topned with other barnes creapinge furth thes war allo. And thus the foure rotes of thele bappes marked with 12.8.18.15, reach furth their circles to the upper partes of the foote. Here is thewed an order of & baynes goyng to the

19. toes.

> The declaration of the karacters of the whole delineation of the great arterye.



he spanginge furth of the great acterpe from the lefte concaute of the hearte, the whiche concanite 30 rufotle calleth Haoftin, because be af-

firmeth that hys symotope parte mape be sene, even in deade men, the to a case of a scabberde of a swearde, whiche fit, paraduenting

# The declaration of the haracters of the great arterpe.

perabuentive the Macebonians Doe call Haortin, But Aristotle comparpinge thes with the holowe bayne, calleth this plesse bayne, other of p Grekes tal it Megicin, p greatest, other only Macheian, p thice best, s other Orthin, the righte and strengthe bayne, But we name it the greate Arterye, pet doe manne call it a bayne by whome the bloude is bequested. brought and spred with behemence over al the bo= dpe. Certapne of the interpreters of the Arabians doe call it the bolde bapne, and some other call it Neruum pulfatile that is to laye the beatpinge lytiothe or the pulle barne . But all thefe names, by length of tyme are corrupt, as in the interpretacton of has ly it is the wed that Ariftotle nameth it Auribiam, als though in the Debrue interpretacions of the Ara= bians all the names of the partes are even fo coze ruptelpe translated out of the Grekes as our phis litions doe nowe call and name them.

Ewo Arteries gridynge aboute the roote of the bearte in mainer of a crowne

A particion of the Stalke of the bodge of the greate arterpe into two trunckes.

An arterpe goynge Copemple to the firfte rybbe on the left lode.

A braunche beupding his fuccessions amongest the

foure bpper rybbes on the lefte fyde.

A braunche creppinge furth by the ouertwarte pros celle of the tournynge toptites of the necke buto the fcull, and offerenge his fuccessions with manye sprynginges furth into the marge of the backe, and the muscles nyghe thereunto, and we have cutte hinr of where be is confumed in the lefte bought or concaute of the bacde pannicle of the brayne.

In this prefente table we have expreste no concauite of this harde pannicle, faue onelye of the artes tres, whiche Galenus bernge deceyned with the braines of an ore, thought it to be in maner of a net the clofure as the order of the whiche arteries shall belette fourth here after : But pf you Delpze mooze exquilite anothle oge in the Declaration of thele concauttes you hall tourne to the nynth and latte fy= gure of thes treathfe, where belove the bi. Acerten other of the latter treatife, you thall much be fatiffied concerninge this matter.

A brauche runing forth biber gleft fpbe of p breft boile, butil the feate of puauel feo whom are certen circles of braumches digetted into the spaces of the grillels between the true rybbes, and from thence firalweb and fpreode on the muscles of the brell and afterwarde on the lefte pannicle allo on the mul-cles of the aboomen of the beaty wher the largenes

of the brefte wareth narowe.

H A braunche goginge to the hynder muscles behynde

occupipinge the necke.

In arterperreappinge furth into the holome region of the Coulder point a to the muscles of hys leate.

I the indulter populate furth to the thoulder a final braunche broughte furth to the thoulder forthe must be thoulder niabe, at the neather parte of the hearth of the thoulder downge in no place out of the lapung.

I that court for total are of the brefte.

I spandange furth fallings, commensarie alongs the lapungange furth fallings, commensarie alongs the lapungange furth fallings.

whiche draweth the arme downewarde. Betwene L and Mis sene a small braunche beynge one of them whyche goeth to the karnels, whyche doe fyll the concautte and holowenelle of the armeboole,

In arterye with the inner truncke or flocke of the arme hoole bayne runnynge furth into the hande, and bys fyiste cricles whyche are straytewaye sene bnder N, be led furth into the muscles whyche doe

compasse the shoulder,

In arterye goynge by the hinder feate of the foulder with the fourth sinowe belonging to the arme, somwhat tourned ouer into the outwarde leate of the cubyte, beginge for al that on eyther lyde everpe where deapelpe hodde.

These braunches are peculper to the toynte of the cribyte with the Moulder of the arme aboue the

elbowe.

I braunche of the arterye of the armehoole strets

thed furth to the leffe bone of the cubyte,

R a circle broughte from the braunche of the arterpe marked with & towarde the outlyde of the hande betwene the fyrite bone of the thombe and the bone of the backe parte of the wreste, where the forefyns

geris Opholden. A braunche ftretched furth to the bygger bone of the cubyte and digefted into pinner leate of the ex:

treme and furthelt ende of the hande.

A braunche genen to the mulcles, which do occupy the outspoe of the bone of the backe parte of the wieste, by whome the lytle fynger is bpholden.

T A leadynge furth or procedynge of the arteryes in

the out spee of the hande.

V, The larger portion of the truncke of the arterye aftendynge, which going strapte way to the throte is deurded into two inequall braunches.

x The lefte braunche of the deuision made at the throte, whiche is fomwhat Aender and doeth consti-

tute the Ceeppe arterpe of the lefte lpde.

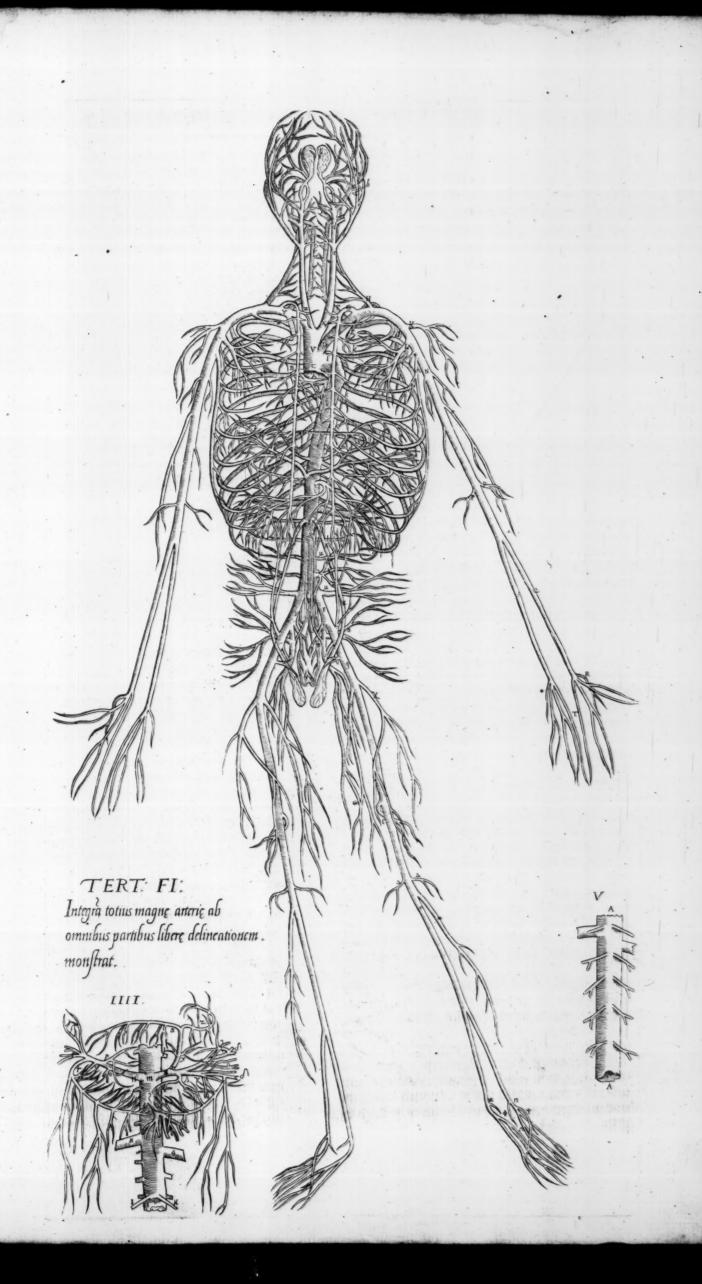
T.z With thefe.ti. karacters is marked fright brauch whych is muchellarger then the lefte . But I thews eth onely the sprynging forth, why che is wholy dys gelted into the felfe fame braunches on the ryatte lydelinto the whyche you se the artherye marked hopth D. to be digested on the left syde. But a noteth the egght artherie of lepe, the whyche (lykewyle as the left) the interpretours of the Brabians do call Appleticam, & litergicam subeteni et decolationis uend, wippth names for the mofte part we have declared before, to belonge onely to the throte baynes,

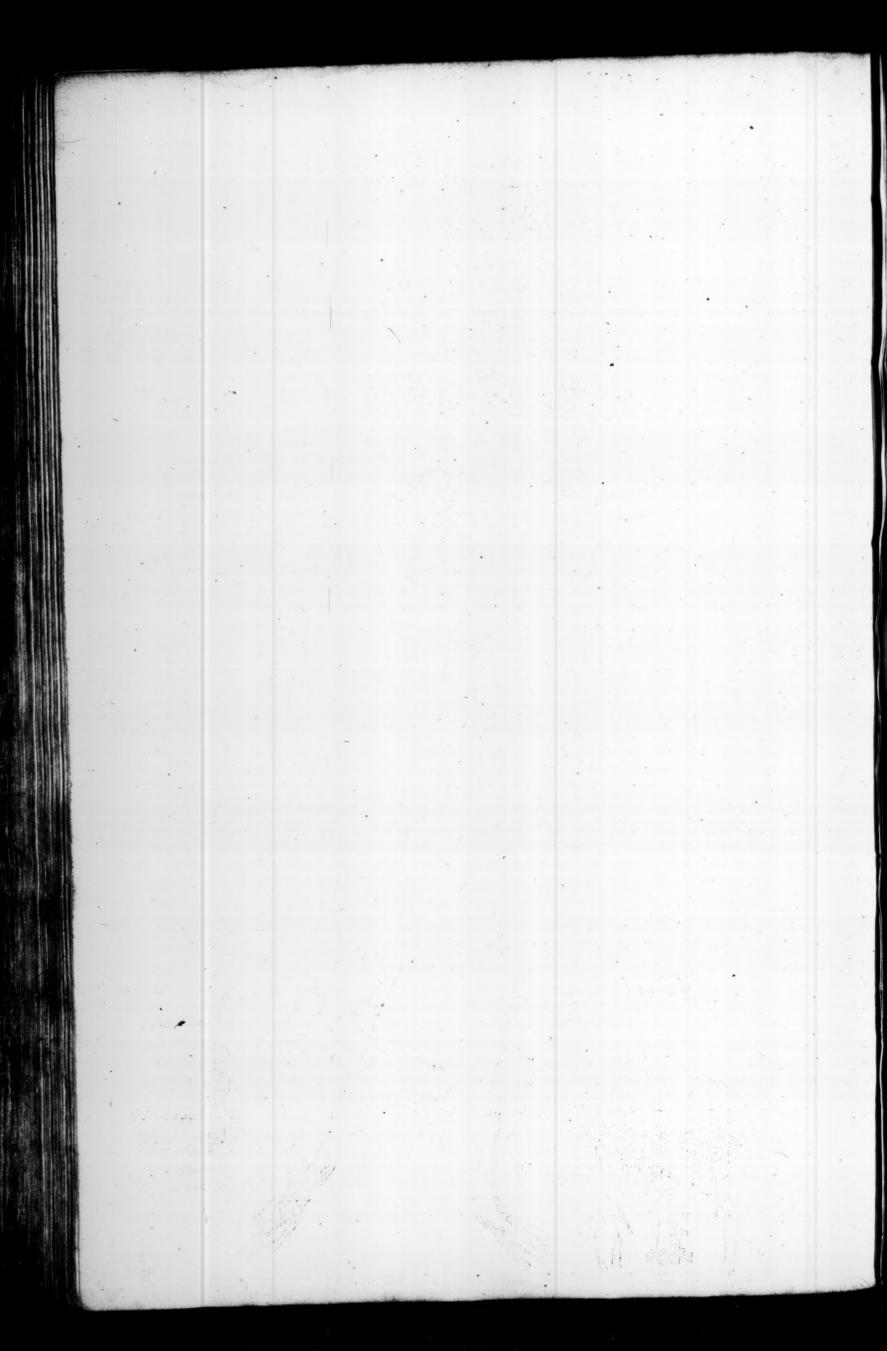
The Diffribution of the lefte artherie of flepe, into two braunches in the region of the James. And be the the bittermore braunche of the two, where e & Affewehmer, howeveit thefe.ii.latter karacters doe fignifie fome speciall thonge by thepin

. The fpryngynge furth of the arteryes to the winde

pipe, to the James and the tongue.

A parte of the acterpe of flepe afcendringe into the brane panne, and diffributed into the braunches ar the coote of the laybe braying panne, of the which this branches the one goynge buder the left concas uite of the hard panicle is here cut of, where he fonc-keth into the sculle, we have not thought it beste to sette furth the compasse of concavite of thes panis





#### The declaration of the karacters of the great arterye.

tle in thes presente fraure, bycause it shalbe sette furth here after with the whole order of the vellels of the brayne, in the fret table with hys frgure that thal ferue for that matter onelye. In the whiche you Mal alfo fynde the distribution of gother braunche of the arterye of Aepe goynge into the fcul, and apf it pleafe you, you mape bipage dyuerfe karacters out of that fregure into thes, as L.q.r., Ju,u,x,a,b,7, A of whyche I wolde here make declaration, but that they are in the other table more conveniently affix= ed then here, and that I woulde the diligent reader not to meddle with that matter of the vellels of the bearnes, tyll I doe take it in hande.

A braunche of the arterye of Aepe compassinge the

btter parte of the head.

· Here is also a spryngynge furth of the foresayde braunche marked with b runninge furth more de=

pely betwene the muscles of the face.

f A distribution of the braunche marked with bin=

der the roote of the eare, who le former braunche no= ted with g is brought alonge the temples, and the hyndermoze marked with b goeth by the hynder partes of the eare, beyng there fpredde bider the

atruncke or a stompe of the greate arterye bufols ded downwarde alonge towarde the toyntes of the

Braunches on both lides ftretched out to spaces be twene the eight lower rybbes which doe offer their braunches to the marpe of the backe, and to \$ mul= cles growing to the backe and the brefte.

Arterpes of the myddapfte whyche goeth croffe=

fearynge gleaft abonnbaunce of karacters fould darken and make harde the whole declaration of thys greate arterye, whiche is harde ynoughe of it felfe as it is alreadye. We have thoughte it moofte conveniente to lette it in a fraure by it lelfe at the ryghte hande beynge in order the fourth fygure, whiche is cutte of about frome the stalke or bodye of the greate arterye, where as the arteryes lygnt= fred with I inclose to the mydayffe. And he is cutte of beneath at the fpzyngynge furth of the feede ars terres, whiche we have marked with i ok & I have drawen in thes present fygure to the spryngens ges furth which we entende to treate of two rotes, where as the whole declaration of the arteries as ye maye often tymes fee hath but one roote one= m lye. And thys letter m heweth the spayinging furth of bothe the rootes or of one of them alone.

n , apoputeth the the right braunche, and o a ponge · Appeltretched here furth to the lower pannicle

of the caule.

P.A (payinginge furth goinge to the right feate of the maine, wher as it loketh towarde the backe, and

bringeth fourth the lower necke, a braunche strets ched forth into & gut called Duodenum and to the be= graipinge of the gut called leiumm, a fpryngpinge furth brought to the ryghte feate of the botome of the maine, geupinge out his braunches to the maine and to the opper panycle of the caule. the Imal ars

teries of the bladder of coloure of the gale, and in moteth an artered by the butter to be lever. But by us, is proncepally the web the lette braunche gopnge

chyeffre to the splene.

And by x, a fpzyngynge furth goynge by the hynbet feate of the mawe, to the hyghest parte of his necke , theweth certapne braunches of hys fpryngpnge

furth whyche are decipoed and broughte into the a mawe ther where it doeth leane to the backe aftes

weth a braunche byndynge aboute the hyest parte of the necke of the mawe in maner of a cromne a theweth a braunche going by the hygher feate of

Binaw to his neather necke, by sis thewed a great spaying fourth runnyinge the lower pannicle of the caule whiche is tangled with many younge flyps or braunches on the gutte called Colon of the weth

a cycle runnynge fourth here on the lefte fore into the lower panicle of the caule by A and A are figni= fyed arterpes goynge bnder into the holonesse of s the splene, by an artery goynge into the lefte seate

at the botome of the mawe and beupdynge oute hys braunches to the bentricle, and to the boper pannicle of the caule.

Small braunches brought fro the other arterpes whyche doe goe to the splene spredde on the left side of the maw or bentricle, there is fene also an other ?

- In & whole declaration or figure and in that which we have let here buder the forefinger, by whom the arterpe is lignified, whiche is speede almoste ouer al the opper feate of Mesenterium, beinge also spred with hys braunches on the hungrye gut called lein= num, on the small entraples, and one part of the gut called Colon, frome the lyuer at the ryghte kpd= napes.
- An arterpe comminge to the right kydnaye. An arterpe reached furth to the left byonage.

the feede artery of the ryght fyde.

x,x The leede arterpe of the left tefticle,

An arterye goynge into the lower feate of Mefenteri. um and chiefelye to the gutte called Colon where the fayd gutte docth goe from the region of the splene to the arce gut called the stranght gut, and is there Deupded into the fame.

Certapne (payingyinges furth are here noted which come with manye tender braunches to the turninge toyntes of the loynes, beynge there deutded into Per ritonium oz Siphach, and into the muscles whych do growe to the spondyls or tournynge toyntes. But the fpringe oute at the lower is greater then the other, and he runneth furth with manye braunches into the lydes of the Abdomen or Abrrach.

v,v, v a diffribution of the great artery at the holy bone. into two trunckes or flockes. But thefe karacters note also younge springes and braunches berpned and brought from the lower region of the artes rpe into the hooles of the holye bone.

The inner braunche of the lapde deuilion of the

left ftocke.

The better fpapngpnge furth of the inner braunche runnpnge furth into the muscles, whiche couer the biter seate of the haunche bone, and the topnte of

The inner spanginge furth of the inner braumche moted with & geninge furth his younge fpipn= ges to the lower feate of the holpe bone, to the blade ber, and to the necke of the bladder, and allo to the parde, But in wome into the neather region of bot=

### The declaration of the karacters of the great arterpe.

tome of the chambre called in Latone Matrix, Elike wife into the necke of the Tapbe chamber.

99 Dere we also have painted arteries of pwhich pleft goeth from the nauell, here betwene & and o, to the inner braunche afore reherfed, as thoughe he were

Derpued from hym into the nauel.

g The refte of the inner braunche marked wyth \$, whiche taketh his portion from the better braunche of the deuilion of ptruncke, made about the holy bone a falleth downe into & thigh by the hole of the bone about the preuve membres, and digesteth there into the muscles occupyinge the sayde bone, and is principallye digefted, at his ende with ano= ther artery in the fifte muscle of mounng the thygh, and he Chall stranghte wave be marked with 4 tops nynge together in that feate where you fee a wit= ten.

a Afpringing furth of & btter brauche climming bp: warde on his fivde to the strayte muscle of the Abe domen a going by with his principal braunche to the region of the nauell, dispensions all his other younge braunches overthwartly, into the lower seate

of the Abdomen.

Alytle Apppe crepynge furth ouerthwartlye by the bone about the preup membres buto the instrumen

tes of generation.

The seate of the otter braunche, where the sayde beter beaunche falleth nowe downe into the thyah and begynneth to fowe absode his braunches into al the whole thigh.

\* A braunche of the greater arterye that goeth into the thigh, fpringing furth into pmuscles which do chalenge and occupie to theym the former leate of

the thighe.

1 3 braunche digested into the fyfte muscle of mo= upnge the thighe, and into theym that occupye the inner feate of the thighe, and with one of his braun= thes boeth topne together with the ende of his ar= terpe, whiche we shewed before to fall downe by the boole in the bone aboue the preupe membres, and that we have marked with a.

A braunche benided in to gimulcles obtaynyng the hynder feate of the thigh.

Certapne peculper smal braunches of the topnte in the knee, and here is the greate arterpe hydde in the

The great arterye of the legge, going into the bin= ber feate of the Chonne.

- A braunche offered to the mufcles, whiche do wan and compaste the leste bone in the shynne, but pains cipally to the feuenth and the eyght of mounng the foote.
- Un arterye goinge bider into the neather partes of the foote, between the heele and the bitter ancle.
- II In arterye communge to the lower partes of the foote, and fomtymes bowed backward betwene the heele and the btter ancle.

Small braunches belonginge onely to the Chynne and the toynte of the beele.

a springpinge furth comming to the higher partes of the foote.

a deficibution of Acterpes in the lowerleate of the foote; and analysed all a deric and an end of the . Duche 13 cur ascores the 16 miles of mer sales of mer sales of the conference of t

.H. %

In the fifte fraure noted to A we have bramen a postion of an arterye commyng from the backe, that the order or procedying myght somwhat be set furth, where this arterye digesteth his braunches frome his hynder feate, in the spaces betwene the rybbes.

> The syxte fygure in whome is declared the procedynge of the vaynes and also arteryes goynge into the brayne.

A thys presente fraure is sette furth the bare or lymple declaration of the vestels of the brayne bes grunninge from the baynes and the arteryes, before they be through the foncken into the brayne panne.

But yf peraduenture thys table flewe not all and energe one of the bestels of the bragne most eract= lye. Let doe Ithyncke berelye that it Mall doe muche good to the helpynge that the matter, which of it felf is bery harde may be the better perceaued with oure eyes and the better and easyer also ob: ferued of thefe which be studious in their fections and cuttinges. And lest that the thynges might be obscured by & thycke settynge ouer of many braun= ches, you have here onely the discripció or delinea= eyon of one fyde of the beffels, excepte in fome pla= ces where the thynges do otherwyle requipe.

The inner throte bapne where he is nereste to the

scull. The arthery of Hepe.

The frafte bayne gopnge to the fcull.

c The seconde bayne

The thyrde bayne, The fourthe bapne.

The fyfte bayne. The lyrte bayne.

The frafte artery goynge into the fcul.

The leconde arterpe. The thyzde artery.

The ryghte of the fyelle concaupte or holownes of the harde panicle of the brane.

The left concauite of the harde panicle of & brapne whyche we cal the feconde.

The goynge together of the fpalle and the feconde concaupte.

The thirde concauite of the harde pannicle.

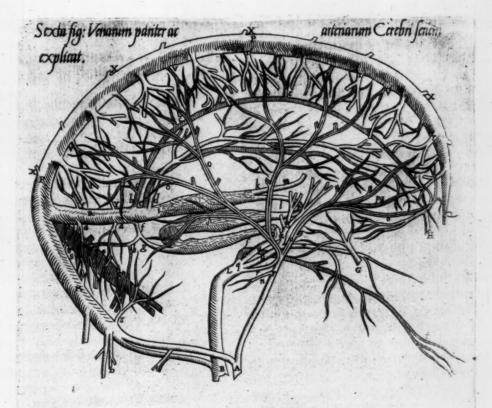
The ende of the thyrde concaupte, commytted to a bonye hedge, by the whiche the leates of the instru-mentes of imellyngeare deupded.

R The fourth concautte of the harde pannicle.

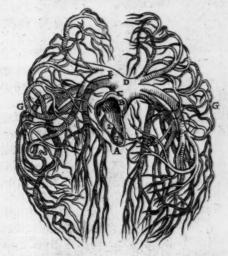
SS Certagne fpipingenges furth from the ryghte concaupte and runninge furth into the leate of the harbe and also the softe pannicles which elve nerte buto

Springinge furth from the lyde of the thirde cons caupte destufed into the lotte of theme pannicle which are cut of at the ende s because they shoulde not probitbyte the delineatio of the inner braumches and circles.

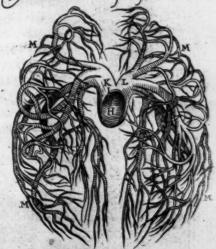
and circles.
Small braunches beryued from the lawed corner of the thyrae bolones or concaunts into that parte

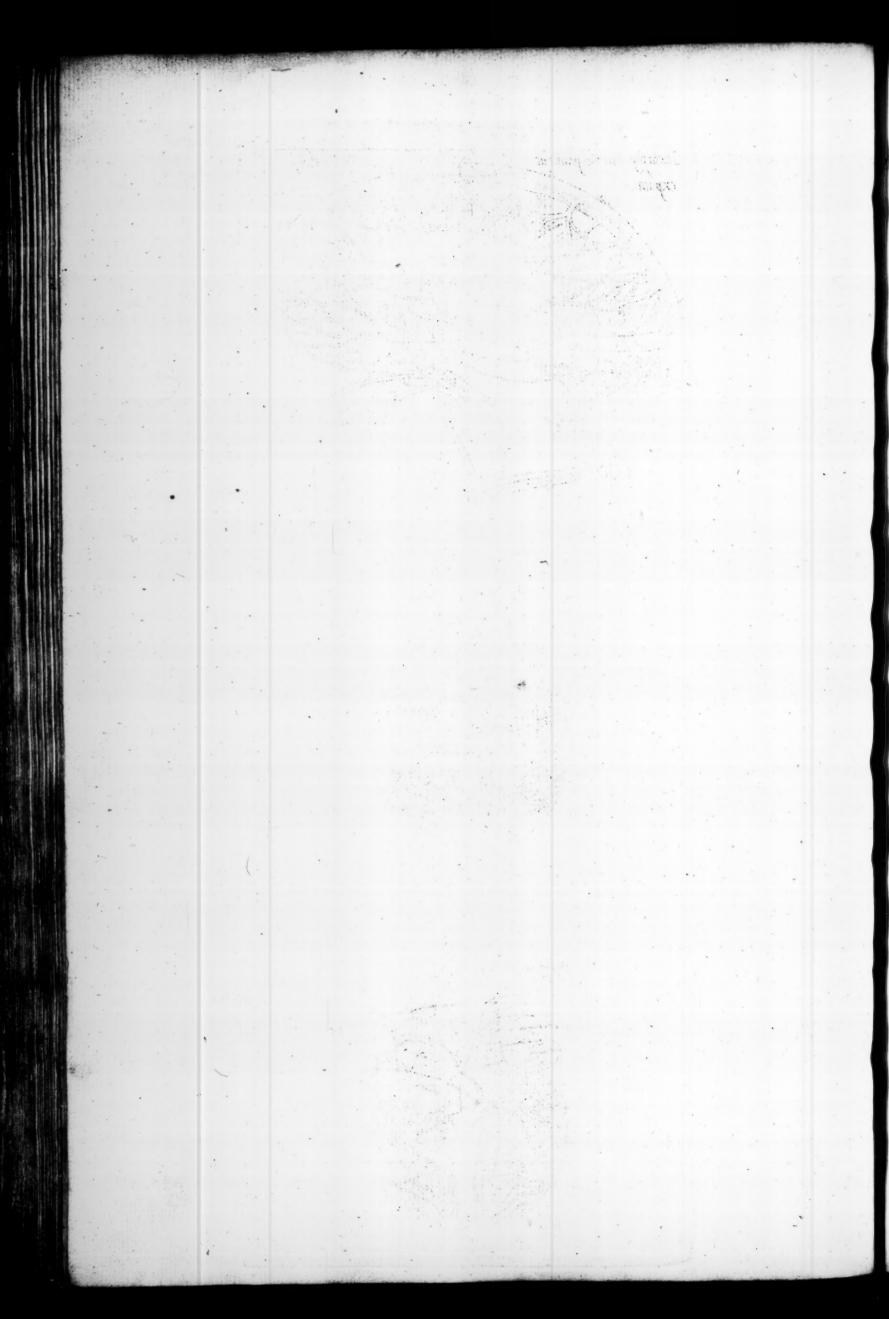


Vena Arterialis delineatio.



VIII. & Arteria Venalis prosessus.





#### The procedying of the bayings and arterpendicoche brayine.

of the barbe pantcle that betybeth the right part of the brapne from the lefte.

Directes of the thirde concautte commired to thole bellels whiche goeth buter the faull of the beade by the crowne.

Smal fpipngynges furth runnynge oute from the hyghelt ancie of the fourthe concaupte towarde the feate of the barde pannicle, whiche doeth seperate the reght parte of the brapne from the lefte there a=

boue the fame.

Spapngpinges furth bertued from the ryght ancle of the fourthe concaupte, whyche are optiuled into the harde parmicle of the brane where he lyeth on Cerebellum, and afterward on the thynne concrynges both of Cerebellum, which is the lytle branne behymbe, and Cerebrum, that is to fave the brayne.

3 brauche hanging from the fourth concauite, and fpapugpnge fourth by all the longitude and the lomer leate of the parte of the harde pannicle whythe deupdeth the ryghte parte of the brayne from the

Ponge braunches derpued and brought bywarde, from the braunche afore reherfed into the faid part

alfo of the barbe pannicle.

Braunches brought fourth from the fourth concas uite and holomes, whiche onely after the maner of baines are lated on the then pannicle, and are forther derpued and couered all a longe the brame bpon the brapne or harde bodge of the fame . But the one whiche is marked with 4 is stretched furth to the ryghte parte of the brayne, and the other no. ted with e to the lefte parte.

a braunche commenge from the lower feate of the fourth concaute and carped to the thome pannicle of the little celle of the branne called Cerebellum lying

behynde in the noble of the heade.

A fpryngynge furth of the lapoe braunche noted ... with f proceopinge by the wynoyinges and touce upnices of the brapne into the lowest seate of the ryght bentricle of the brayne, and toynynge toges ther with that ascendyinge arterpe whiche we Matl notehere after with Y .

b A spangenge furth of the braunche noted with f treppinge backewarde and deup ded dyuerle way= es into o then pannicle of the lette cell of the bragne

called Cerebellum

The principall Oppnoringe furth of the fourth contaute and holownes runnynge furth buber the bodge of the bragne, buploed after the maner of a furnes, or a chaber, buto & umer feate of the thyros bentetele of the brapne,

k a defection of the spryngynge furth noted with limto two partes, in whome sheweth the parte ftretched furth in the right bentricle of the brane,

and " Meweth him that goeth into the left e where the ende of him is sene cut of.

" A circle of the thyzde bayne gopnge into the scull,

fretched furth to the Instrumente of hearpage.

... The process or order of the concaute of the harde pannicle into whom the thyrde bayne is consumed, where is a concaute alwayes, in whome the brauns the of the thyrde arterye noted with , is consumed or Chroncke bp.

pringinges furth of those concautes lafte re-

herfed, fpred abroade on the thinne pannicle of the branne.

d deutlion of the thyrde and greatelt arterpe that goeth into the fcull, beinge whollpe bronche up in the ampletude of the lapoe fcull.

" A limall braumche of the thirbe acterge Broncke bu also in the contautife and holownes of the harde pannicle, and runneth furthe by the lydes of the brapuse, whiche are noted with . ...

d small braunche digested by the proper boole to the ampletude of the noticelles, gamge but certagne small beaunche to the extremitie of the nose, which beaunche is marked with .

u," Two great braunches of that deution where g. is weptten.

x, A braunche whiche commeth fourth of those two great braunches, wheron we fette " " fpringpinge out, where the layde greate braunches doe goc to-gether by the hoole of the seconde payze of smowes

of the brane and goinge chifelpe to the epes, at thycker and moore groffe braunche fprograge furth of the laybe toppyinge together of the this great braunches, which perfeth through the harbe pannicle of the branne, and is shortly after beuided

is noted with a, here spector absorbe intouther thynne pannycle of the brayne with manye small

y The other beaunche of that beaunche whiche frein geth furth of the braunche noted with a comming to the ryghte benfricle of the braphe, and making there the lynenes of a wendoning aboute, a is raryed mito the biter infoldpings of the increase which is A here fene marked with A

> The declaration of the seventh figure in whome is fette furthe the arterie all Daynes or che nya entre see see



be discription of the artervall bayne, sette furth all naked and cleare of alother parter is set forth in the seventh sugare, whose necked or mouthe we have made open, that the three pannicles or themse save of the three pannicles or themse save of

nes which do prohibite the bloude to flowe oute of the lounges of lyghtes as the hearte is open, into the ryghte concaute and holownes therof, nyghte appeare to the spes, and those thre parmicles are noted with these thre baracters, 1, 2, 3.

The seate where the arterpall bayne, taketh has

begyinninge, frome the ryghte concautte of the

the innercote of the arterial vapue, fpue tomes the finer cote of the proper cote of the bapue. The bitter cote of the arteriall vapue, like to the proper cote of the barnes.

The Deuilion of the stalke of the arterial barne in

to two trunches or flockes in and analy and analy and analy and bys right flake is hewed with a distributed and lovedde absorbe with manye drawnings in the ryghte leates and places of the lounges.

fall,

# The perfect adactor of the baying acterye, midneig of

F theweth the reight truncke of frocke, and by Gand G is thewed the process of the arrectall barne by the lablaunce of the lounges. gorth muo the fe

ad and Adre declaration of the english from the ed and whyshe expresses the vaying arteryed of

passucie, and rumerin fact furth the discription of the benall to baptic active, delpitered frome all his parties, and the karacters wrige, 11 and the maner folos

The beginninge of the benall or baynye arterpe, spippingelige tueth from the hearte, and bycaule the annicles and touerproces of the necke of thes bels fell confifte make hearte, they coulde not be fo well here expecte with the beffelles as in the arterpall

Here is the we the thickenes of the lyngle coate of

K.L. Meibenall anterpert angunger adent and ragitus

M,M also with his briginging (Aci, 2000) and a distributed with the processings of the wealt acteupe, made with them and able brightes processings by the fully a

is noted butth a, here freezengatober ferenthall theme pannycle of the bragne which mange finall themes and absolute discription of all the range. A whole and abjointe discription of all the vayings and articles of the paying and abjointed principally for this causes to the principally for this cause to the paying and principal furth in dinerty states but the artery estand principal vayings also crepe surphysis hem femos some hours the company of the arteryes. And agayne what dateryes Nature hathe . destituted and made voyde of the copany of vaynes.

The deckiration of atthe karacters, whi che are sene in the nynth of the last fy gure wyth theyr peculyer and severall the fygures alfo.

A this prefent fregure are first lene the great Laten caracters, the wing affect the membres and full rumentes in their places as & varies and artherpes, as folometh here after.

F.F dreat postion of the apbbolyte or fwellying half fourth precince which whose perfects trailed the fourth precince praced ities beyond there mail kelomon France all lagrana and 120 703 70310 and

oper core of the distribution and respondently oper core of the light of the operation of t

thinge here whyche we have not bylygentlye noted for so muche as we have broughte to this table so muche onely as we thoughte should be sufficiente to thew and declare how the vapue and the arteries are dylgelted. The hollowe lyde of the lplene.

The former feate and place of the right kionen,

The lefte kyonepated alar Sele northis letter in the greater fygure but in the feuenth and enght peculpar a feueral fogures. In the fenembit noteth the bladder in a man, with the nauel, and the bellels afcribed to the nauel with the other partes whyche we will theme in dyuerle places in the explication the caracters, s, in p. biii. table frantfreth & water or brine bladder in a wos man, with alfo the bellels of the nauel and the wais es of the bipne. You shall perceaue more of these in the declaració of the particuler a seuerall figures. The feate of the stalke of the holow bapue, bepinge

between the mydrife and the heart. XX The feate of the bestels compassinge the roote of the heart in maner of a crowne, and allo the berpe

roose of the harte.

The popute of the harte.

Blaunches spiede abrode from the crownpinge ar= theries and vagnes downeward, by the lydes of the

In this parte the flocke of the holow baine openeth the the regite concaupte of the harte. The regite eare of the hearte.

The popule of the left eare of the hartes!

The flocke of ftalke of the arteriall banne. But the beginninge of the baynal artherpe, because it is to the lefte spoz of the barte, as the necke of the holow bapne is in the rygiste, it can not in this fraure be

. Pet doeth . note neuertheles, the baynall actes rve both the procedynge of the arterpall bayne in= to the regist parte of the paulme, not yet compassed aboute with the fubftaunce of the lounges.

The flocke of flatche of the great arterpe.

a trunche oza focke of the great arterpe goyng to the partes why che are buderneath the heart.

b, a portion of the trucke or ftalke of the great artery goinge to the opper partes, and offered chiefely to the left arme.

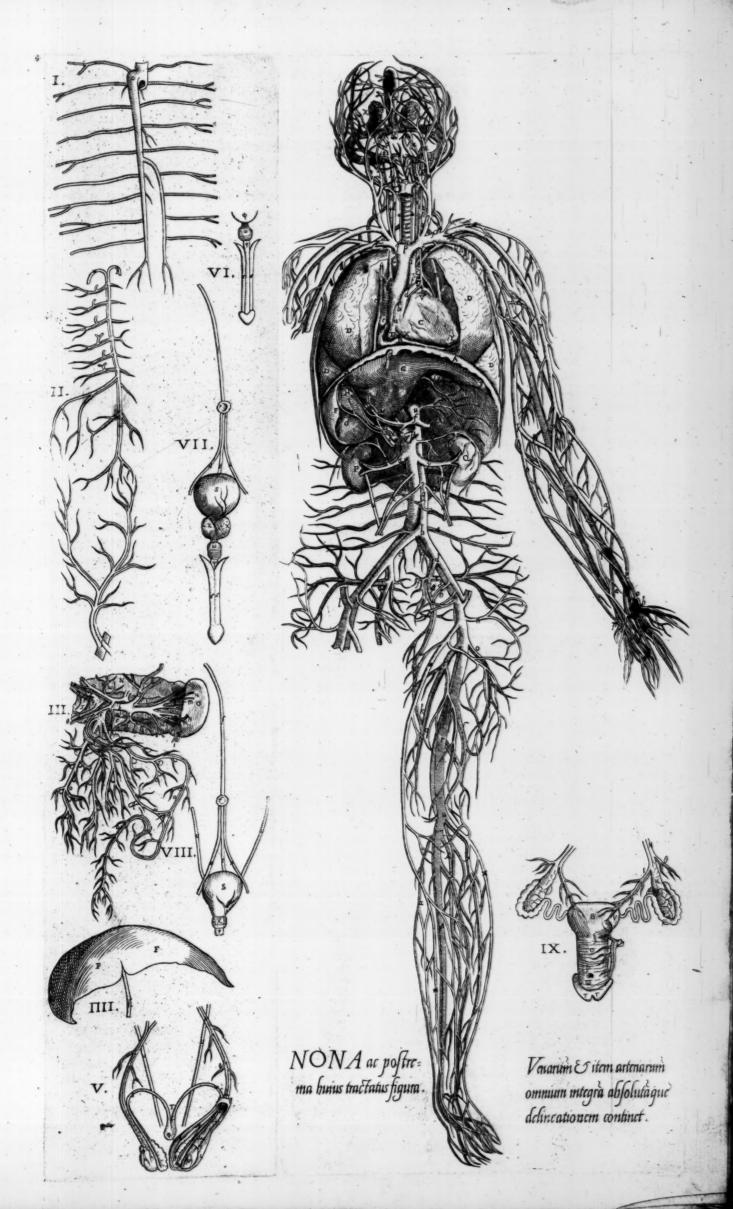
. The goodlier postion of the land truncke of flocke, withhis diffribution alfo therefinto the inequall braunches; whereof the one is the lette arterne of & flepe moted with k, and their greater braunche

sheweth the Chape and fourme of the ryght arterye

of flepe marked with fand the arterye, which runneth furth pryncipally into the ryght armenoted

Sind the ways entire buring the lendwes of the mydayffe, whole beginning is stablished with the gire whole beginning is stablished with the gire whole beclaration we now entrease of marked with 21 10 ain

The beginnings of the equal payes topicle in that barne in ceade, which is an ismer a paper of this cut of to be let together to your minde in & regio where exther pos-cion is noted with . which could not be expect in



alogue V.O.V.

e sain a nee Soupe et le Soupe high dynne source Source annue

#### The declaration of the haracters in the nenth figure, with the feneral fromes.

the greater figure because the lightes of flouges Doe occuppe there the former partes of the breite, where as the refte of the bapue whiche is worthoute a companyon alone, and goeth from bence to the hymber partes of the brefte towarde the turnyage topates of the backe, the declaracion of this is had more clearer in the openinge of the feconde frgure of bapnes, with those caracters. FF. and. GG

3 Double particion of the holow bayne in the throte or former parte of the necke, and at both the lydes of t, boe open the fpayngonge furthe of the baynes belonginge onely to the breft bone, runninge furth to the regyon of the naupll, the feconde particuler fraure the weth the position that is left of this form genge forthe in the whiche that parte whiche is

marked with this caracter. muste be as it were by pmaginacion knytte to the fpzingpnge fourth in the greate fygure marked wyth the fame letter, and the other parte marked with \*, you muste ymagin worth pour felfe to come to the letter. 2, in the grea = ter fygure, a of thele you hall have forther knows ledge in the declaracion of the seconde fygure of bapnes at thefe letters. L.M.

The begynnynge of a bapne whyche goeth to the spaces whiche are betwene certapne of the hygher

IJ a bayne goynge into the fcull by the ouerthwarte processe of the turnpage toyates of the necke, and dioncke by wyth hys felowe the artherpe in the hos lownes and bowte of the harde pannicle.

tt,uu, Bere is noted the fyifte holownes and bowte with xx,y, + +, the feconde " ", the thyzde x x, the begynning

of the fourth , .

a bapne goynge to the arme hoole, whiche in the lefte lyde geueth furthe the Choulder bayne noted with abut in gright lyde, hys begynnyng hangeth

bere from the outwarde throte barne.

Bere are those braunches cutte of which comminge from the payne that goeth to the arme hoole, are digefted into the former and hynder fyde of the brefte .

The inner Juguler bayne.

3 diffribution or going furth of the imer Juguler bapne into two bapnes, whereof the one runneth furth alonge into the concautte of the harde painte cle, the other runneth furth into the lefte fyde of the lapde harde pannicle.

The btter Juguler or throte bayne.

- Adiftribution of the otter Juguler bayne at the
- 8 Here is noted his parte runnynge furth behnide the eares to the bonder parte of the head . . To the temples and the crowne of the heade,

\* To the face and the foreheade.

a a To g.it.concautte a hololomes of & harde pampele.

But by ware fiched two of hys brauches, wherof the one goeth into the fcul by the erighte bone of the heade, the other goeth by the hoole of the seconde papee of fpnowes of the braphe.

5 Some of thefe karacters folowinge are fet on the rpghte fpde, the wynge the procedynges of the artes the of Hepe. And this letter . themeth a postion of the arterpe gopnge into the scull.

and after he bath put forth a braunche from bym

he is degefted with the outer Jugular barne, atthe face, the temple, and behymoe the eares.

a braunche of the artery of flepe, gopnge into the frite holones of the harve panicle.

The principal portion or part of farteries of flepe gopnge to the faul by hys bole whych ferueth properly for it.

A braunche brawen fourth towarde the amplytube and large parte of the noffrels.

A braunche runnynge fourthe to the ryahte fobe of the harde panicle.

The chefe braunches of the artery of flepe, whyche are btteripe thoughte and taken to be & fachtoners and workers of the netty infologinge.

A braunche goynge to the epes.

I braunche goynge to the thrime panicle infolding and wrappyinge the coote of the harte.

a wrappyinge or foldyinge in called Plexus, which we compare and lyken to the bitter infoldyinge, where the chylde lyeth in the woman.

The ryghte lenowe of the lyrte payze of lynowes of the brayne cut of there where it is broughte bowne a longe the lyde of the winde pype.

o, The ryglit senowe returninge againe

1. The lefte tronche of the fyrte paire of fynobes of the branne.

2.2 The left lynowretumpnge agapne.
3 A finall (phowe commpnge to the roote of the

A vayne goynge to the hynder parte of the bed and the necke.

- A vayne goinge to the hynder parte of the thoulder, but pf here after we doe not prinately and feue= rally declare the arteries every one by them felues, pet pf you confeder well the declaracion, you that fynde eallye to what, hapne every acterpe is cetthen furthe bnto.
- This is fet at the faynne wherwith the belth of the Moulder is couered.
- The Coulder bapne whereit goeth binder the lapa to the cubyte.

A braunche of the Coulder bapne, gopnge to the bpper partes of the toynte of the cubyte.

9 a braunche commenge from the Moulder bayne, and creppinge fourth to the conflitucion of the com= mune banne. Let be nowturne to the fmall lattyn letters, lefte in blinge the bouble caracters or nom= bresalgaryfme to declare the matter by, we foulde berken and blot the fygure, and make it moze obe fcure then neadeth.

2. A braunche of the Moulder barne gornge by the lelle brayne, and the outlyde of the cubyte, buto the appendaunce of the byggar bone of the cubyte and

the weste.

A braunche of the armehole bayne byfpenled into the Skynne whyche compasseth aboute the former and the hynder feate of the arme.

c To the muscles thaustonge fourthe the cubyte. a I braunche accompanyinge and gopinge with the

fourth (pnowe of the arme, buto the outer parter of the cubpte.

a particion of the armehole bayne into the two tronkes of fralkes.

1.1 3 tronke og ftalke bepelpe beb and accompanyeb

# The vetlaration of the haracters in the nynth figure, with the feuerall froures.

with an arterpe in energe place of it, whiche goeth into the cubpte, by the byndynge of the cubpte.

A braunche of the lappe truncke or stalke stretched furth to the lesse bone of the cubyte, their goinge furthe circles, or tytle younge braunches to the thombe, the forefpnger and to the nipoole fpnger.

& a braunche of the arterpe whiche kepeth company with the forelappe braunche and goeth to the bt= ter lpde of the hande betwene the forefpinger and the thombe.

A braunche of the truncke or flacke & is hoo firets thed furth to bygger bone of geubyte,4 callyng furth bys Imall braunches to the lytle tynger, the

rynge finger and themyddle fynger. 3 deuilion of the truncke of the arme hoole bapne, whiche runneth furth buter the lagu by the topate of the cubite.

A braunche of the armehole barne constituting the common bayne.

The common barne.

A Deutlion of the common baync lyke buto thys letter Y and afterwarde the order and goging forth by the bt ter feate and parte of the hande.

Absaunche of the common barne goinge to the inder feare of the hande, and here is murte together

with other small braunches. I braunche of the armehoole bapne, fretched furth to the bygget bone of the cubyte, and deupoco dy-uers wayes into the faunc, and the extremite ther-of where it endeth it is toyned together with a braunche of the foulder bapne where as we have put thys letter.

A procedyinge of baynes, whiche doe folde in the

timer them of the rubyte and p paulme of the hand. Whate no ferch for the letter in the greater frquie for formicle as it is the fenenth and er give frquie, there notinge a portion of the nauell.

In tho'e fame fpgures thefe letters thewe a bapne Aretched furth from the nauel into the lyner, which halbe knitte to the louer, let futth m the fourth peculter fraure, where the other postion of parte of the bapne thall be allo ligned with a karacter.

\* In the leventh and the enghte peculyer fpgure the way that earleth the brine, the childe betwene the feconde infoldinge and the imermofte.

w,u,u,u Doe fignifte in the feuenth and cyghte figure the petulper arterpes ferninge to the childe in the mothers wombe.

Inthe greater fygure is a (mall portion of a fp= nowe in the holownes of the lyuer, whiche is Dia: wen oute from the lynowes of the bentricle.

s,s. Here we adurriple rou that the thyrde peculper and feuerall fraure boeth contagne and expresse a portyon of the lower pannicle of the caule, which 15 putte bider the hynder leate of the bentricle oz mawe, hologing bp the diffribution of Vena porta with the arterpes and fonomes whythe doe runne furth thes way, and moreover, before beliefs thereof, bere in the same thy de figure is sene the spiene which barnes and arterpes, whiche are spredde abroade by Mesenterium, and althus spruce yf a man about the man bound in the some to the great spring in the bolow e spee of the lyner, where of the are sent materials to gether and aunithorphyse cede other in bothe the fpgures.

S,S and s sin the greater a alloin thirde fegure bo the we the wave of the bladder of the coller, why che goeth into the gutte called Duodenum.

Of Venaporta.

In actorpe grafte into the lyner, and a fynotoe alfo Aretched furth to the Capde arterpe.

9 An attery and a fynowe, whych goth to the bladder

& Claynes goynge to the layde lytle bladder of coi ler.

4 A bayne also and arterpe commpnge in the thribe figure to the hynder feate of the mame, nyghe buto the lower part of the mouthe or necke of the matre.

a a bayne commynge to the mate m bothe the fraus res, where hys arbbolpte or finall parte tendethto the routt leate of the backe.

. A varue and arterpe and a fynothe in the thribe fis gure infoloping the ryght leate of the botome of the mawe or bentricle.

The leffe truncke of the greatest distribution of Ves

. The greater truncke of the greatest partition of Vena porta

4, 3 bapne and an arterie fretched furth chiefelpe on the entraple of Duodenum,

. I bayne and an arrerye with it goynge to the right feate of the neather parinicle of the caule.

ff a roote and an arterpe begeffed into the loner! the mate, the fplene, the caule, and the bladder of coler.

A bapne with hys felowe the arterye whyche at the lafte compaffeth about the popermore necke of the bentricle in maner of a crowne, and he is fene betwene a and a in the fpgure of the ventricle.

A vague and an arterpe gopnge to the principall feate of the lower paunicle of the caule and infolbinge the guite called Colon, where he is ftretched furth to the bent ricle oz mame.

Dere is a kymeline fubstaunce, which hath the goucrnaunce of the Distribution of the bestels in thes parte or region .

& bayne gopnge to the lefte leate of the lower pans nicle of the caule.

1,1 The procedynges of the bellels to the Iplene.

Hellels govinge to the lefte leate of the bentricle? from thole that are grafte in the fplene. But the

principal beliels are marked with , which infolde and wrappe the lefte feate of the bottome of the bea Ive or bentricle.

o,o,o, Apposedynge of bapnes and also arterpes belongynge onelyeto the entraples.

The roote of the chiefe arterpe gopnge to the entraples.

9.4 The lette arterpe belonginge properlye to the entraples.

Carnels affired in Mefenterium ftrengthpinge the pro cedunges of the bellels before rehearled.

Dere is in & greater fpgure the hole of & mydepffe fendpage through the Romacke, and all o the coneaupte of holowness of the liver genginge place to the ftomacke.

Alfo in p greater fogure to the ligament of plyner wherwith

# Thedeclaration of the karactersin the manth figure, with the leucrall froutes.

with the lefte patte therof is knyt to the mydyffe, in The greate arterpe goynge thorowe the mydryffe, and allo hys braunche runnynge into the right part or lyde of the mydryffe.

There is fene in bothe the fygures the flocke of the

bolome barne.

In the greater fygure is the bapue of the left kpds nape gopinge into the fatte couerpinge oz cote.

The barne of the arterpe offered to the ryght kyd=

The barne of the ryghte kydnay wappynge in the fat cotte couerpige.

a bapne and an artery commynge to the lefte kyds

The lefte fpde bayne. The rpghte fpbe bayne.

The fpzyngynge fourthe of the arterpesof feabe.

The goyng together of the left fide bayne and the

Here we have let forthethe lefte teltpcle, with his cote only belonging to him comming bowne fro Aphacog Peritonium, anoted to. ... In the fift pecus

lper fraure he is neverthelelle fo cut away, and the cote of the teltyle fo opened that nothpinge letteth hpin but that he maye be kyndipe feene, pe and alfo Dothe theme the mulcle growpnge to it whiche mar=

\* bed with this letter. k.

a And in the fame fyfte particuler and fenerall fy= gure at this letter a, the bayne and the arterye doe goe fourth into the amplytude and largenes of Te

I fwelling fubitryne og body lyke to the fwelling baynes, and a wonderful implication and wending of the bayne and the arterp one within the other.

The lefte telticle courred with his cote that is next

hpm.

5, E The revolution or turning back of the bellel carts

page furth the leave to the tefticle.

o,e The goynge bp of the bellel carpinge the feade, to the bonc about the payupe membres.

The foldynge and bendynge in of the lefte bellell carpinge the feade, to the hinder part of the bone as boue the preup members.

The turnynge backe agayne of the ryghte beffel of

carpinge the leade.

The topnyinge or goynge together of the right and the lefte bellels of carpinge the feade.

The infercion or graftynge in of the beffels which

doe carpe the feade. xx The leuenth fygure hathe a glandulous og carnels lpe body, receaujnge the infercion and grafcynge in of the bestels whiche doe carre the leade.

In the leventh and figure fraures, is the way that levueth both to the brine and the leade. In the spriethe seventh and the erghte frgure, is a muscle broughte rounde aboute the sayor way of

bime and feade.

In the forte and the feuenth fogure, is the parde:

and the bodges therof . furtherinoze in the greater fpgure, a. boe fpgnys fpe papies and arterpes reached furthto the turs nyinge toyntes of the lopnes, to the mulcle growing bettothem, and to the fpoes of the abbomen.

In ffante greater fygure is apartició og beuifion

of the holow bayne and the arterye bpon the holy? bone.

se Small arterpes goynge to the holes of the holpe

A Deuplyon of the left troncke or flocke of the fores fapte decipipon which was of the holow bapie and the arterpe.

A springinge fourth of the inner braunche of the lapbe deuplyon to thele partes why the are annexed to the buttokes, and to the hyp bone.

A spipngynge fouthe of the laybe braunch bigesteb in the bladder and the matrix.

This is a part of the artery pariculer to the chilbe. in the wombe, which we marked before at the fibes of the bladder woth. ".lykewple as here also in the

great pozcyon of the fygure. A linall pozcyon of the outewarde braunche of the Deuplyon aforelapte, gopnige to the refte of the ine

ner braunche.

The refte of the inner braunche beltributed by the bole of the bone about the pupup members into the muscles whyche occupre the umer seate of the

thrahe.

The feate wherethe Small Succedence braunches of the refte of the lapde inner braunche, is topned to another bayne, but here oute of this table is to be noted, the courfe of the artery, and how he commeth 14 to the vapne.

A fpungenge fourthe of the outer braunche cres pringe to the lower feate of the abbomen buto the

naupll.

I bayne dystrobuted by the inspoe of the thyghe and the finne, baber the layune to the toes, and ges upnge fourthe in hes progression deuerle the cles.

" A braunche goynge to the former Cybe of the byppe bone boder the layme.

I weupage or topadynge in of the muftles and the faprinciphyche doe occupye the outer leate of the

thygh, and bygetted into the muscle occupyinge the

former feate of the thyghe.

A commpnge together of the farde bapne, with the barne that goeth throughe the hole of the bone a= boue the preupe membres into the thyghe.

This wave the principal bayne which goethtothe thegh, is turned agayne by the bone of the fame.

Sprpngpnges fourth or braunches which occupre the muscles on the hynder seate of the thyahe and the farme of this place even to the berpe calle of the legge.

A Deuilpon in the hame, and braunches here Diffris buted and growpinge fourth into the mufcles from

the heddes of the thyghe.
\*. I bayne of the fapo deupfpon of the greater tronke infoldinge the outeward Caprine of the Chrine binto

the hepgih of the foote.

3. A bayne and an arterpe, whyche neaded not to have bene abbed, Aretched fourthe to the lefe bone of the shrime, and hydringe hym selfe amonge the

A braunche of the larde beuplyon of the greater truncke, gopinge dy ueraye bider the lkynne whych concreth the amer feate of the figure, bato the

# The table of the figure of Cynomesis a one to more and the

Babraunthe of the Tapbe truncke gornge into the

raulfe of the legge and to the veryehecle.

I spryngonge furthe of the greater truncke, between the muscles whiche doe occuppe the former leare of the flyn, and digested into the byper parte of the foote and the toes.

A The refte of the greater truncke creppinge bownes warde amonge the mulcles occuppinge the hynder feate of the flynne, and goinge bider the foote be= twene the fhinne and the beele, speeding his braunches in the neather feate of the toes.

Bycaule this greate fygure, with allo the figures gopnge befoze, fet furth all the baynes and arte= rics of a man. I thinke it here belt to thew & procebying order of & vellels in women, so muche as they differ from those in men, which is onlye the course of the scede bestels to the testicles, and in the bay= ness arterpes that infolde the Matrix, which are all put furth in the erght and in the ninth fygure, and here followeth the order of the karacters.

Braunches runnpinge furthe from the bayne and the arterpe into the pamicle where they are comits

ted into the Syphac of Peritonium

A postion of the bapile and the arterye goynge into the testicle, proceopinge to the opper seate of the bottome of the Matrix.

Mcommicton of the bapne and arterpe, whiche are of the feede, which is lyke a tharpe freeple, and thep are lykened to the fwelling of brappyd bapnes called Varices.

> The lefte ftone og tefficle.

" A bestell carpenge the secoe frome the testicle into

. A blinte angle or corner of the bottome of the Ma trix, in whom the belief that carieth the feede attens terb his infertion.

In thes place the bottome of the Matrix botth moe in the neoke of the Matrix, or wombe of the women, and in the place the mouthe of openinge thereof consisteth.

The necke of the Matrir.

s, Bere thenecke of the bladder is brought forth into the necke of the Matrix and there booth ende.

Here are bellels infoldinge the lower feate of the bottome of the Matrix and the necke allo. Swellpinges lyke to lytle hyllockes of the mouth,

and precke of the Matrix or wombe of the woman.

In the leggine peculyer and feuerall fygure are the mapes whiche burings the brine frome the raynes into the bladder.

> The declaration of the fyrste figure of synowes.

A this friste fraure of spnowes altheraote foundation or grounde of the brayne, and the lytle brayne is lette fouth cleare of all pelitcles into concerning layings, whereith thepare wanpped that where the size nowes of the braynes have their beginninge mape

with var expecte well percepted, for here is othereas may fer furth with the first that ganges forth self fundposyal that part sills of the one cor of the backe, whiche pertagneth to that place, cuenfrome the begranninge of that marke where this falleth Downe into the firste toynte of the necke, and where as the marge of the backe taketh first bis domina=

tion and his right name.

The feconde fegure of fynowes letteth furth the right lyde of plinowes of the whole branne a of Cerebellum, and parte of the lapbe marre of the backe mencioned in the former fpgure, being bere taken otterlye awaye all the harde and theme pannicle allo, whyche are called of the Arabians Dura mater, e Pid meter . And furthermoze, thes prefent feconde fpgure of spnowes theweth the bare and naked pro celle of the leuen papee of fpnower of the brane on the ryght lyde only, although we have where nede required Dzawen forth some of & linowes on the left lyde also. The proportion of thes fegure is paper ted in luche forme and largenes, as you maye in it wholly circumscribe a comprehende & bodge, whose bladder Moulde confifte in the lowell feate therof, and whose breste and Abdemen or bealpe shoulde be fene also on the former part, and the face turned towarde the lefte shoulder, beynge of hymthe right Ipde onelpe fene.

> The declaration of two karacters common to the . ix . Chapters of the fygus res folowynge.



he karacters that are to be exprest m thys declaration, are partelye common to bothe the fygures, and fomtymes bothe to thes and that, as by these notes, 1, 2, it shalbe desclared, why the we shall putte, after

the karacters.

Thele haracters note the brayne.

\$,5 ,1,2. The processe or a swellinge knobbe of the substaunce of the brayne, which is comonly called Mas millaris processus. And I have putte a haracter but on the one lyde of the fysite fygure onely, bycauleno man spould nede to doubte but that the reasons of both are all one and lyke.

D.I. The begynnynge of the marge of the backe, han-

gynge from the roote of the brayne.

F.1.2 A parte of the marge of the backe, noweyslunge furth of the ampletude og largenes of the lcull, and is there curte out in bothe the fpgures, where it goeth bider the hyest turnynge toynte.

F,1,2 Drocedynges forth lyke buto fynowes, ferupage to

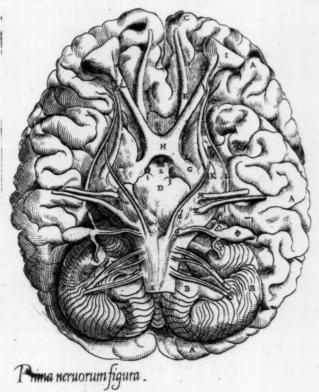
the instrument of finelling, but not goinge furth of the largenes of the scull, wherein the brayne is conterned are here fer furth with a goodly poition therof worthpe to be noted.

The fynowes of fyghte, or the firste pape of fonos wes of the brayne, but in the firste fraure the begynnige of the left fynow is marked with G and in the other the bypugping fouth of the ryght finothe in the seate of the eyes.

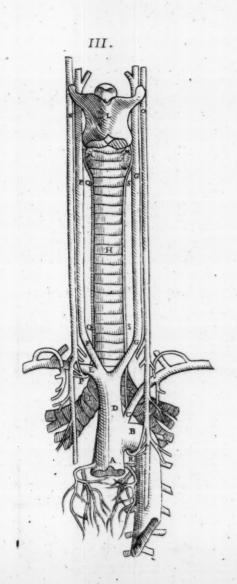
H.I. The gornge tagether of the friomes of the light. The cote of the eye, on whome the spinowe of the eye ts spredde abroade and docth there degenerate.

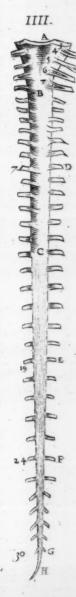
K.1.2 The second payre of the synowes of the brayne.

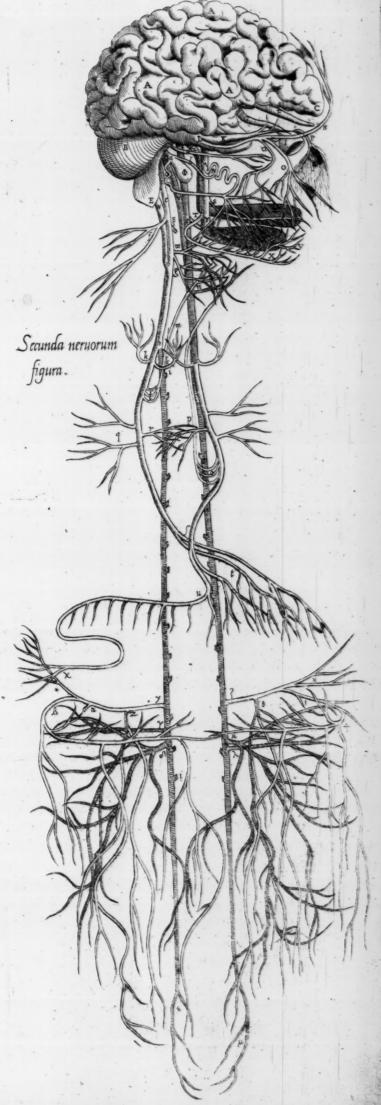
L,1,2. The roote of the thyrde pape of lynomes bernge

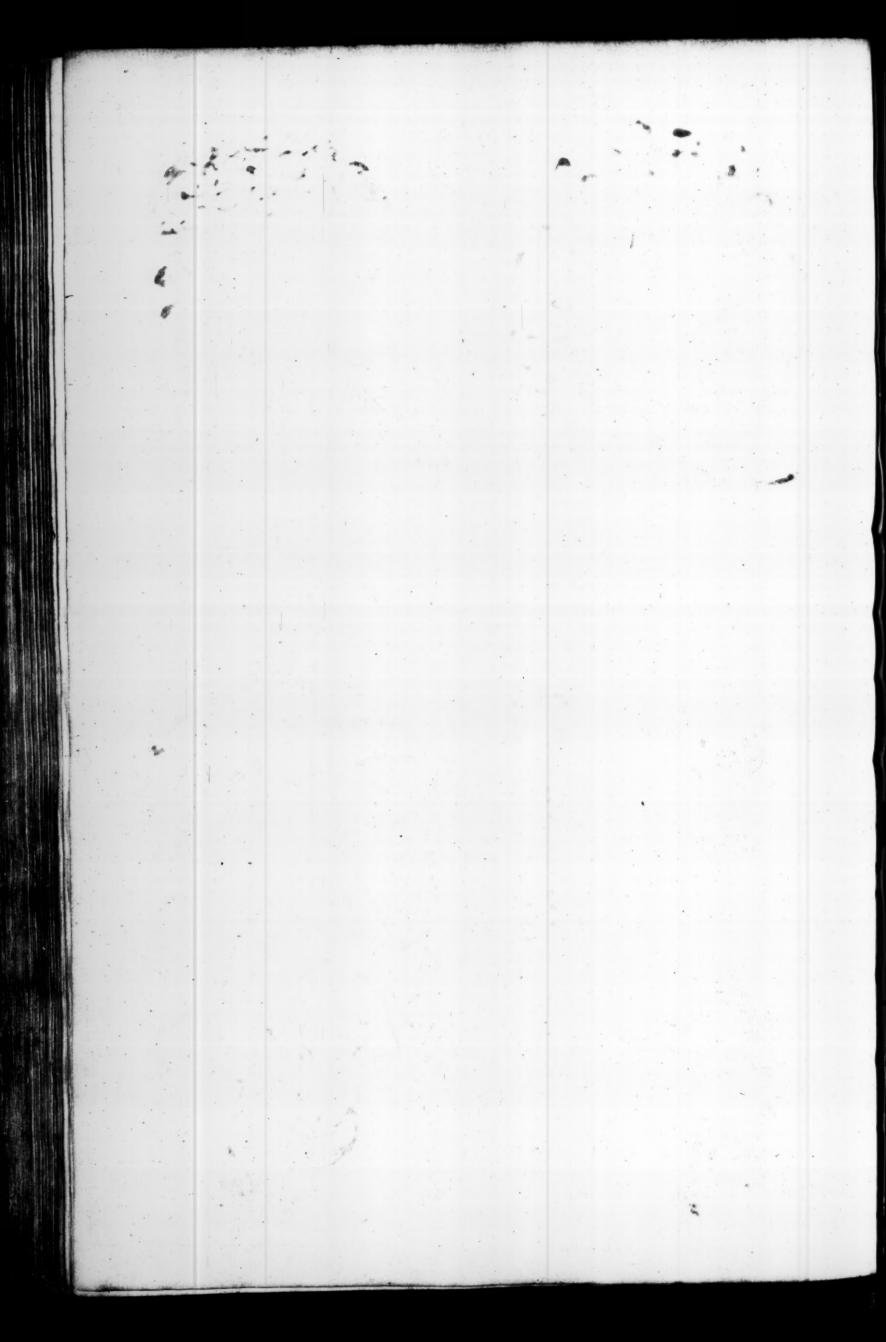












#### Thetable of the figure of lynoides.

the leffer, the thomner and also the harber.

M.1.2. The greater and the thicker roote of the thyrbe

N. 2 The fpringynge furth of the leffe roote fallynge

forth to the bpper Jame.

P.2. The spayinging furth of the lesse roote of the third payze, begeneratynge into the cote of the noftrels, whiche is thewed fetterally with the lower P.

2.2. A fparngynge furth of the leffe roote, digefted into

the muscle of the temple.

R.2. Abzaunche of the greater roote of the thyzoe payse, folded in together like the tendrel or & fmal windins ges of a bayne called Carpolus, whiche is grafte into the muscle of the temple, takynge in to hym two braunches here after to be marked with bor frome the fyft pape of fphowes, to be marked with a , and he is fpred abroade into the Jame of the muscles of eatyng, and into the mufcles of the mouthe, and also into the skynne.

5,2 A brauch of & greater rote of & thirde payre, diftri= butynge forth hys braunches into the gumnes of the upper cheke tethe, and geuinge hys twigges in

order to energe one of the tethe beside.

A spryngynge furthe of the greater roote of the thirde payze crepynge into the bone of the neather

A braunche of fpryngynge furth noted with T, of: V.2 fred buto the neather lippe with a manyfolde ogder

of braunches.

Circles diffused in order, frome the spryngpinge X, X, 2. furthe noted with T into the rootes of the neather

Y. Y.z. The greatest portion of the bygger roote of the thyzbe payre, beupbed into the cote of the tonque.

- The fourth pape of (mowes of the brane, but the lower Z in the feconde figure appoynteth the cote of the rouffe of the mouth.
  - The fifte payze of fynowes appropriate and fere uinge to the hearynge. And o in bothe the figures the weth specially a postion of thes pape, carped in= to the concautte and holownes of the bone of the temple.

4.1.2 A braunche of the fyfth papre fpronge frome hps

former parte.

The braunche of the fifte papre, creappinge by the blynde hoole, and at the laste he toyneth with the braunche noted in the seconde fygure with R, lyke as the fmall braunche marked with bo= eth with the spryngynge furth of the thyrde payre crumpled after the maner of the tendrels in bines called Capreoli.

14.1.2. A fynowe foringyng furth not far from the begyn-ning of the fift payze, which being ouerhipped a let palle of many wytters of the Anatomy, is fretched furthe into the Muscles moupage the neather

. 1,2, The lyrte payze of lynowes of the brayne, whole procedying of eyther fynowe is thewed in & feconde figure, but that is the lefte (pnowe, whiche is brought in a Chadowe fomwhat as it were binder the fift payze. The right theweth moze whiter, and pe thall here perceaue & fee certapne karacters fo. lowpinge fet onely buto that ryghte fynome, for fo muche as the lyke reasons is in bothe the synowes,

f. 2. A braunche of the forte papre goinge into the multles occupyinge the hynder leate of the necke.

Small braunches of the fyrte payre fprynge furthhere, a goinge downe overthwartly into certayne muscles of the winde pype.

b.2 A braumche of the lytte payre ftretched furthe ins

i.1,2 to the rootes of the rybbes on the right lybe. Smal portions of the lynowes between the rybs bes, encreasing the braunche of the firt payre com

kk.2, mynge downe thys way. Braunches of the fynowes of pfyrt payre, brawen forth into the heades of the mulcles, whiche bring= ing their begynnynge from the upper place of the

brefte bone, and the canell bones, are carred bp= wardes.

1.2 Smal braunches of the ryghte lynowe of the firte papie, whiche doe make the synowe that retours neth or runneth agayne on the right lyde.

The reght returninge fynowe.

\*. 2. Certapne braunches of the ryght returning linowe bestowed into the muscles of the wynde pipe.

Braunches of first payre of fynowes of gleft live which doe constitute and make the synowe, whiche tourneth backwarde of the left fyde.

2.2. The lefte returninge synowe, whiche lykewise as the ryght is commonly called the synowe of the

Smal braunches of the litte payre runnyng forth

into the cote of the lounges.

Smal braunches of the firte payre, which is wrapt within the thynne coneryng of the bearte, and from thefe circles of the lefte fynowe, whyche are cox= respondence to these that we sette fouth with , the lytle fynome of the bearte taketh hys begru-

nynge.

1.2 A postyon of the lyste payse of lynowes, whyche is comitted to the fomacke, and gogder also where bothe the fynowes are deutded and parted into tho partes, and the ryghte fynowe goeth into the lefte feate aboue the bentricle, but the left is folded a. boute the righte parte of the necke and mouth, oz openyinge of the bentricle.

the order or procede of the fort payre of finomes, speede biuerle wapes into the bpper necke or os pening of the bentricle, and on the places or partes

next to the bentricle.

a,2 A brauche of the fyrt payre of fynowes, which goth into the ryaht feate of the necke or openinge of the bentricle, whiche brought by the hygher region of the fame, is at length confumed into & concautte oz holownes of the Lyuer, where as you fee \* af

The firste spanginge furth of the braunche of the lyrte payze of fynowes, which is stretched forth to \$

rootes of the rybbes on the right libe.

2.2 3 fmall braunche of the fayd fpryngynge furthno= ted with , which is here digefted into gryght libe of the lower pannicle of the caule, and into the entraple called Colon.

2. Succellions of thys firfte fpipngynge furth, com: mpnge to the longe gutte called Duodenum, and to

the begynnynge of the hungrye gut.

A braunche creapinge to the right leate of the bots tome of the bentricle, and callyinge absode mange f,bi,

#### The table of the figures of spnowes.

tyrcles to the bentelcle and the opper panicle of the caule. And where \* is lette the procedynge and goinge forth of thes presente braunche into the Lyner and the little bladder of Coler, doth eutdente lye apeare.

7.2 A braunche communge to the rpght hydnape:

A.2 A brauche diffused into the right region of & place called Mejenterium, and to the entraples of thys seate with manye small braunches.

.. 2 Aprocedynge of fynomes infoldinge the righte re-

gion of the blabber.

1,2 The firste springinge furth of the spnowe of the first papee stretched furth into the rotes of pribbes on the left spde.

the noted with 3, which are officed to the lower pan nicle of the caule, and to the are gutte called colon intestinum, where he creapeth buder the bentricle.

1,2 A procedying of fynowes , whiche are grafte in the

fplene.

- \*2. Ace have with thys crosse marched a drawnche of the braunche noted with s, whiche creapeth those rowe the lefte seate of the bottome of the bentricle or make, deupdyinge forth bys circles and small braunches into the bentricle and to the byper seate of the cause.
- 14.2. A springing furth runping into the lefte lybe of Mac feuterium, and into the entraples of that same spoe.

2.2 A sprocedyng of smal braunches, somwhat darekly infoldynge the lefte spoe of the bladder.

o,1.2 The fementh pape of the spnowes of the branne, and lykewise in the setonde spaure, the spnowe of bothe the sides is setsuith and marked with v.

1,2. A springinge south of the seventh prayee brought into certaine muscles bryinginge they begynning from the processe of the bone of the temple, whiche is lyke a pyller.

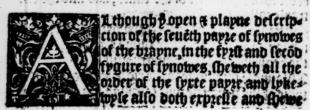
... The toynynge together of the feuenth papze wyth

the lipte.

ynge as it were we pured betwene and knytte weth manye of the muscles of the tongue and of the bone lyke to this figure v and of the wynde pype.

the beginning of the mary in the backe, beclare the holes, whereof the two laterall, marked with... and.3. are they by whome the braunches of the arteries of flepe, do go but othe ryghte and the lefter bentricles of the brayne. But the mydle hole shewered with 2.1s it by whome the flewme is brought from the thyrde bentricle of the braine, into the balyn or holownes which receaueth the fleame, a afterward sendeth it through after of maner of a furnel byon a kernel, which is put bader thys regio of of braine.

The declartion of the thyrde fygure of fino wes.



thole lynowes whych bo turne a go backe agayne? pet I thought it not buppofytable but bery good of I thuid here let forth a special or a several table of f synowes, whych is in nobre the thyrd, together with the parties of the great and sharpe arterye, as much therof as both serve to declare a shewe the order and procedying of the synowes, for so much as phisticious do so often talke and speake of these synowes, a that also the consporting of them with the eye is to all men very pleasaunt, for to beholde therm the marvelous workes of nature.

The spanging forth of the great arterpe from the left bentricle of the heart, where he spreadeth forth these two arterpes like crownes called Coronales are

peria.

backe downewards towards the rygge of the backe.

Dywarde of the greate arterye goinge Copwyle bywarde to the first cybbe on the left side, and riming furth afterwarde into the lefte hande.

2 portion of the greate arterpe goinge to the fore=

parte of the necke of throte by the canell bone. In arterpe going furth onerthwartlye into the righte hande, but those beaunches, whiche this and that marked with Dose putte furth you shall seke in the bare of naked sigure, whiche is binder the greate arterpe, and is the thyrde sigure of the arterpes.

F.F The arterpe of slepe on the ryght spde.

G.G. The lette arterpe of Cepe.

The And H theweth the stocke of the sharpe arterye. Two trunckes or stockes of the charpe artery, into whom this is first beutded into the lounges.

The byper part of the wynde pype, whole fygures of the mulcles, as of the tongue, and the bone whyche is lyke v you have all readye learned in the tables of muscles.

M A kranell at eche lybe growen to the roote of the

wonde pppe.

M The ryghte flocke of the lyrte pape of fynowes of the brayne.

The lefte ftocke of the layde fyre payze.

The brainches of a synowe on the ryght syde ouer to the right arme hoole, and comming e together into one synowe, whiche sometime consistes but of one braunche.

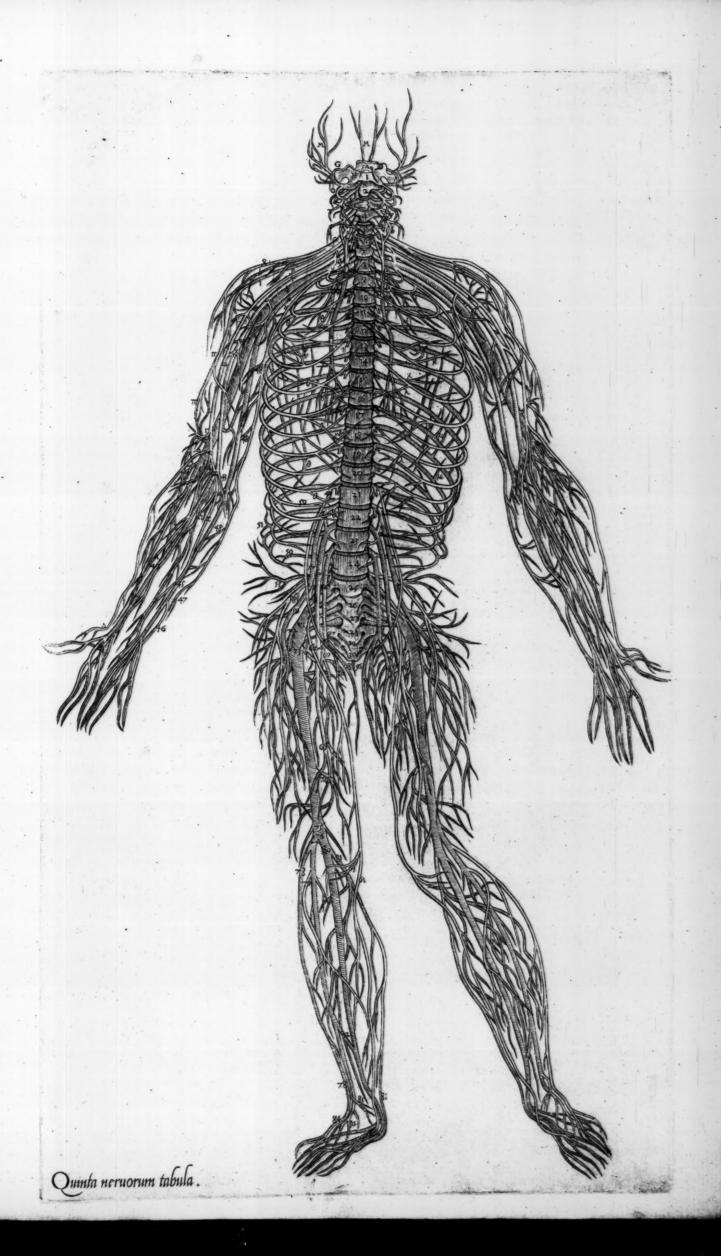
2 The right finowe returninge backe.

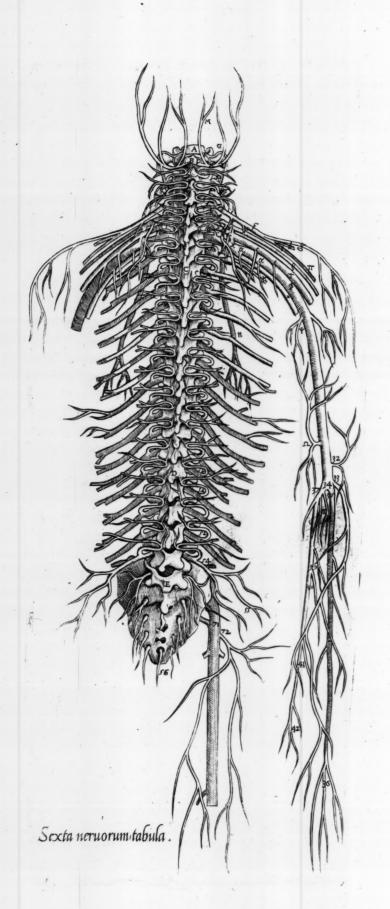
The lefte smal braunches of the syrte payre of the stocke, which are courned ouer toward the backeto

The truncke of stocke of the great arterpe.
The left synowe going backeward, which often tymes begynneth but id one cycle, the reste of & springing grages furth of the synte payre of synowes, are to be sene in the naked and playne tables of the synowers of the brayne.

The declaration of the fourth table of syno Des.

Sps present fourth spgure serveth chies felpe to the two tables nowe after solowings, whiche she we the naked and of pen processes going forth of spnowes from the marpe of the backe. For here is onelye beautipneated





# Thetable of the figures of linotoes.

limfated the mary of the backe, why che is called of the comune forte Nucha, from the lower parte at the roote of the brayne (where he taketh hys begyns nong) even to the forthelt ende where it falleth forth of the lower feate of the holy bone.

The begynning of the mary of the backe fpzyngs

ping out from the roote of the bragne.

In thes feate the marpe of the backe, is nomoze as lone by himselfe, but is lyke to many cordes, whych berng put altogether do go ftrenght fouth .

4.5.6 7 By thefe caracters & rootes of the fundwes are not ted goping fouth from the mary of the backe byfore tt falleth out of the fault. And thefe are the rootes 1,2,3 . 4 of those papers of the bearne, which rootes are seuc rally noted with they? caracters.

9.7. And A. B. to D, in the lefte fipe and foto 7. on the right fpde, a parte of the mary of the backe contep= tes of the feuen payze of finomes of the marge of the

backe are marked.

Fin frome D. to E.on the lefte fyde, and frome 7. to 19. on the ryght lyde, is thewed part of the mary of the backe, comprehended in the turning topntes of the brefte, and then afterwarde are thewed the rootes of ptwelfe pape of finowes of p mary of the backe.

8.24 From & buto F on the lefte lyde, and frome 19 to 24, on the ryghte fyde to thewed a parte of the mas rve of the backe occuppenge the tournynge topin= tes of the loynes, from whence the rootes of the five payze of lynomes of the marge of the backe do take

their begynnynge.

G.30 Fros to g in fleft libe a fro 24 to 30 in the right lybe is themed also parte of the marye of the backe, contepned in the fore bones of the holye bone, and also the rootes of spnowes, of marey of the lytte papze, to that by thele karacters . 7.19.24. and . 30. are thewed furth in their dewe order of the thyrtye papie of the lynowes of the marey of the backe.

The laft and betermoft ende of g marcy of backe commpnge out all alone fallpinge Downe frome the

ende of the holye bone.

The declaration of the karacters of the fyfte and syxte fygures of synowes in the which the procedying of the lyno wes of the marye of the backe is exprested

he lette fegure of lynowes the weth the knyttpnge together of the bones of the backe on the backe five, lykewise as the frauce be-fore, whyche is the fifte frauce, theweth the same to the eyes on the

forelyde. And afterwarde is lette forth in thys fy: gure the whole order and course of the synowes of of the marve in the backe, whiche is not to well fene MM1,2 in the table before nepther the karacters might fo convenientlye be fet therin, as here in thes, But in bothe these figures, we have yet sette the marye of the backe in the bones that the uubze and gopng forth of the payres of fpnowes myghte the quyckes lper be lene, and because we have al readye, let forth the marge of the backe cleare and naked of all bos

nes. And bycaule thys present declaration of kas racters is had common to bothe theft frgures for lowing, and also that some Baracters ferue to both of them, and fome agapne are peculper but to one we have not wythout cause or reason put these nos tes 1. 2 to the letters accordinge as the layde karacters doe ferue, that withoute obsturynge of the fygure, they whyche pertagne to bothe myghte be discerned frome those that appertagne but ones lpe to one.

A.1.2 The leate of the marye of the backe, where it goeth

fielt into the tourninge toyntes.

5.6.7. The feue turning topntes of pnecke, with thefe karacters are alfo declared a lignified pape res of the fynomes of the marpe of the backe, which belonge to the hygher feate of the turnyinge toynte on whome the numbre is written.

ned in the turning toyntes of the necke, and the roos 8.9.10. 11.12.13.14.15.16.17.18.19.1 . The twelve toyntes

answeringe to the brefte.

20,21. 22,32,24.1. The frue toumpnge topntes of the

lopnes.

25,26. 27,28,29,30,1. Syre bones of the holy bone, but the bone whiche is callled Cocix, we have not here lette forth bycaule it contapneth none of the marpe of the backe, neyther is there anye finowe comming from hom.

5.2. The first tournynge toynte of the necke.

C.2. The first turninge topate of the backe answeringe to the breft, and to from B to G are noted feuen topns tes of the necke.

D.2. The first tourninge toynte of the loynes, and from Cto a are express the twelve tournynge toyntes an

lwerpage to the brefte.

8.2. The begynninge of the holp bone, and from o to r are lens the faile tourninge ropices of the lopnes.

\$.2 The himbermoote lyinginge furthe of the firste pape of fynowes of the marge of the backe note fet:

in the turninge toyntes.

G.1.2 The procedurge of the hyndermore springinge furth of the first payle and his draunches chiefelpe moted that goe to the overthwarte process of the first tournpring touries there to be spreade into certains multies, which we shall explicate in the knyttynges of the heades lefte the declaration of the karactees of the synowes of the marpe in the backe (boulde here be oner longe and tedious.

H.r. The former lpipagings fuetholehe fielt paper 1.2 The hynder fpzyngyng furth of the feconde payze

and with thes karacter the leffe beaunche of his Spipngpinge furth is marked.

K.2. The thicker braumche of the hinder springpinge furth of the feconde papie.

The topinginge together of the braunche of the thirde payze, to be noted in the fielte figure with s with the blaunche of the feconde pape, whiche is

marked alone with C. The procedynge of the thicker brauuche of the fed condepayte at the lapine of the crowne and the hynder parte of the beade,

N.1. The former spryngprige furthe of the seconde papie.

3.1 Thethylde papie.

1,2 The honder braunche of the thorde papie turned backe to the popule of the leconde turnipinge topute

#### The table of the figures of conomes.

of the necke, and byblinge bym felfe amonge the multles of the topute growing to in this leate. Ind when it toucheth the layor popule it is carped oirtwarde by the equal proceadinge of pmulcles of the right love which mulcles do occupy the hinber partes of the necke, and the muscles of the lefte fode worth them and from hence he is conuated flops bife into the froes, and this maner of proceadinge the hynder braunches of all the papies from thes

thirde papie bnto the, 24. papie doe folow. The former braunche of the thirde papie, beynge deupded into foure forynginges furth, and. 2 in the

former fegure theweth the ferte braunche grafte in the mulcles whyche bowe the necke, a.R. in bothe of them lygnyfyeth the feconde fpzyngynge fourth, whyche goeth with the spryngings turthe of the foure paire to be noted woth. I. s. in thefyalle the=

weth the thyrde whyche is toyned with the greater braunche of the hynder sprynginge furth of the se= conde paire noted wyth. K. where we have wytten

L. in the seconde fygure. T. The weth in both of them the fourth spannaging furth, of the former braunche of the thyzoe papze, grafte in the muscles, which are commptted in the overthwarte processe of the tur-

nonge iontes. 4.1. The fourth papre. But becaufe this prefet table of fpnowes shoulde not be darkened or made obscure by ouermuch efyllying ett worth caracters, we have cafte the caracters of the fourthe papee on the lefte fpde, that the ryghte fpbe bepnge ouer burdened ; with karacters mighte in this place be fomes bhateafped , and that the thewers of the fifte paire) and of the papies followinge myghte the more comodiouffreibe expressed.

P.1.2. The hymbet heaunches of the fourthe papee.

X,1,2. The former braunche of the fourth payte, veupded into the other braunches forthe.

Y Byr. in the fpalle fpgureis thewed the fpall fpam= gynge furth be beaunche takpinge bito it & fpein= gringe furthe of the thirde paper noted with 2 and . in the same fraute thewesh the secure spiper aprice fourth dystrabilised incache musicles, why che Doe occupie the overebward proce the of the turning

Hob by this letter. s. is also in f fint fpgure becla: red of there beating which south to the position of the fifte paper where an the follows of the imporpte changing furth of the Cosmiyinorei

1.5 The fpfte payer: 38:

. 1.2. The hynder braunche of the fyfte papie.

1,1,2, The former braunche of the fefte parte, retchpinge forthe a braunch from his inner lyde to the mulcles which do bende the necke, which is fene betwene,4 and this caracter s

... The spangenge forthe of the former braunche of the fyfte-payze, confty. utinge and makynge a great poscion of the fpnowe of the mydduffe,

1,2 The former spragninge forthe of the braunche of the tofte paire whyche beginge byd amongest the mufcles crepeth bp to the toppe of the foulder .

thofe caracters lene in the Teconde after this maner, ... note the (papugpnges foath of this beautiche offred to & muscles which lift bp & thoulder popule. E.2.1. The braunche of the Ipryngyinge furth noten with fretched furthe into the faynne that concreth the toppe of the Moulder, and the muscle which lystet's by the arme.

I braunche of that braunche whiche is noted weth f. grafte in a parte of the muscle whyche lyfteth bp the arme, why che taketh bys begynninge from the toynte of the canel bone and the toppe of the Mouls der, where the Moulder is topned to the canell bone.

1.1.2 A beaunche also of the spenging furth whiche we noted with f. grafte in a parte of the muscle which lyfteth by the arme, whyche ryfeth forthe from the pointe of the Moulder blade, but the springinge fourthe of thes braunche noted with iwhich spins gyinge fouthe is Aretched out into the Chynne of the arme, that be fygnpfped in bothe the fygures wyth n. beyinge the notes of the lynowes of thearme.

6.1 The lyre payre. K. 2. the hynder braunche of the forte parte.

1, m The former braunche of the forte papre m. Meweth a syzcle whyche is brought from the syrte payre towar de n. whiche is the spnowe of the mpdayffe.

#1,1,2 The lynowe of the mydryffe made of the thre lyz cles or yonge fripnges noted with b. e. and, m. and that the fynowe of bothe fydes is ledde forthe flop= wyle as well in the fyshe fygure as in the latter, the caufe is that pamicles which do as it wer a hedge in the brefte by course of the infoloringe of the harre the which infoldings thefe painticles doe compaffe and go aboute doe in this place fwel forthe.

The order or procedinge of the spnowe of the mpds

dipffe, gopng into the mydipffe.

A braunche of the fyrte payre goinge into the hos lowe feate of the floulder blade and carped forth to dyuerle muscles.

The infoldinge or enclosinge of the braunche of the former fpre papre with the braunches of the laft papie, and a postion therof communge to the arme.

7.1.the feuenth papie.

Thehymoer braunche of the leuenth payre, lprebbe abrode here, with other braunches alfo.

f.1 The compage together of the leventh papie worth the payres nexte to it, whiche bringeth forth the fy= nowes to the arme.

Thele are & fpringinges forth of the leueth payre or rather of the thyrde fpnowe gopinge to the arme, and to be marked with , whiche come to the mule cles of this place, whiche doe moue the arme and the moulder blade.

8.1 The eight paper of the eighte of the papers of the marye of the backe lette on the first of the topntes of

the brefte.

The latter braunche of the enghte payre.

The goynge together of the enghte pape with the . k.L. 2 feuenth papie from whence are certagne fundwes Aretched into the arme.

The lpapagenge furth of the enght papae, br & bp per leate of the first cy bbe of the brefte, and creping

into the highelt parte of the brelle.

Cyzcles of the eyghte payze, or rather of the fourth fonome, whiche goeth into the arme, whiche is fpred abrode on the muscles of this seate.

The nonth pape.

The himber braunche of the nynth pape?

A. Lefte tips letter a beyinge mygh binto Y spould let

#### Thetable of the figures of linowes.

the lighte thereof, we have marched the former braunche of the nouth payre with a notyinge here the forpagyinge furth of his braunche fretched out to the firste rybbe.

Cycles of the braunche noted to A which brauches are broughte furth to muscles fromed on breft. But thefe cycles are more clearelye expreste in the

papies folowinge.

10,11. 12,13.14,15,16,17.18.19.1. Dere are noted paytes of fynowes from the nynth buto the twentieth, buto whome is almoste al one order of fpringinge furth, and thiefelpe in the spaces between the rybbes.

w.m. Typeles augmentyng the braunche of the finowes betwene pribbes, beyng of plyre payze of finowes of the brayne, which are Aretched forth to the rotes of the rybbes bider the cote, which groweth in the rybbes.

Ing right fyde of & former fygute are noted brauthes rumpinge forthe from the synowes between the rybbes into the muscles, with a druerle orde, whyche are strowed on & brest but we have marked thefe braunches more express on the lefte fpbe.

31. for , and . Doe note braunches firetched forth to the hygher parte of the muscle, which bayingeth the arme to the breft, whole fybres on thy nie fayns are broughte Downewarde lpke as thele prefent braun

K. ches, but wyth kikiare thewed brauches runnynge forthe into the lower feate of this mufcle and turs

ned bp agayne flopwyle.

A.A. fürthermoze by. x. are fhewed braunches , ftret= thed forthe to the flope descendringe muscle of the

belp oz Abdomen.

mand pilhelve braunches broughte forth into the mutte by whose helpethearme is brought toward the lower parter of the backe, but the goynge and knotionge of one within the other of the braunche whythe is after futhe a dynerie fallyon: and wonberque pleasaunte to be sene and loked on, must be marked in the cuttyinge rather than here: where all can not be expressed and let forthe.

Is bestowed on the ryghte syde, shewynge a braunche of the fynowe, graunted to the heade of

the feate called the nepell,

Small braunches comminge from the erghtene and the nyntene payre, and goinge to the begins nynge of the fyrte muscle of mournge the thyghe.

A.A.I Che frafte funde commynge to the arme, which is digested into the fapn of the outelpde of the arme, but in bothe the fygures e betokeneth the leconde fpnowe goinge boder the arme, Title thizde Othe fourthest hefyfte and. & . the fyrte.

2.1.2 The feconde fynnowe goynge to the arme, whiche we have expreste and fet forthe here more flender than in the fewenth frauce of fynowes noted by.s.

Springinge furthe of the leconde lynome, whiche are digefted in the heades of & former mulcle which

do howe the tubytes

where as the seconde and the thyrde synowes are mainen sommhat more to the outspee of the arme, then accordinge to Pature, it is done for this consideration, that the synomes beinge there lette more a funder then they are in the bodge naturally myght the better be percepued,

v.1 The spryngynge furth of the thyrde synowe, fall lynge furth into the skynne, betwene the muscle baying the arme to the brefte, and the mulcle that bryngeth the arme bywarde.

o.r. A small braunche of the thyrde synowe offered to the heade beinge of the hynder muscle of the boths

ers of the cubyte.

2.1 a lpzyngynge furthe of the thyzde fynowe fpredde abzode in the fkyn of the former feate of the Arme.

Dere is noted the goynge and metynge together of the portion of the third funnow with the feconde. And we have often tymes observed the thyrde sin= nowe to be augmented and made greater of the fe= conde, lyke as in the nexte fygure folowynge being the seventh of spnnowes.

o,1 The leconde fynome after the gopnge together of hys poscion with the thirde symnome, creppinge

downewarde.

T.1, A systle of the seconde longe synnowe stretched forth into the head, and of the muscle, bryngynge

downe the leffe bone of the cubpte.

A. I draunche of the seconde synome, gopnge by the leffe bone of the cubyte to the welte alcendynge to the outer feate of the fyifte space betwene the toins tes of the thombes buder the fayu where the lower. A.is let.

O.1. A braunche of the feconde fynnowe fomewhat thics ker than that before named which is marked with A being ftraite way beuided into two fpringinges forthe, marked with these letters. A. and. Z.

A,1 The hygher braunche of that braunche marched wyth. O. crepynge bnder the fkynne by the infyde of the longe mulcle whiche bypngeth the leffe bone of the cubyte downewarde.

The lower fpzyngenge furthe of the braunch mar=

ked with. ..

Two pepacepall beaunches of that spepagenge forth noted to. E.led forth with many fpringinges by the inner feate of the cubyte buto the palme of the hande, accordinge to the delineacton in & ryght

The fourth symnowe goynge bnder the arme, the fpzyngynges forth of this fynnowc although they be exquilytly fet forthe in both the fygures yet are the caracters put onely on the latter tygure, lefte the fyiste Moulde with the settinge on of many fy= gures be obscured.

Spayinginges fouth of the fourth formomes fored bpon the muscles whiche do stretche out aboute.

Ω.2 A braunche of the fourth synome goyng forthe into the skynne of the hynder parte of the arme, and the feate of the topnte of the cubyte.

32,2, I fpzyngynge forth of the fourthe fynowe, gopnge to the faynne broughte ouer the lower feate of the

outlyde of the arme.

A braunche of the fourth synowe which is stretched 33.2, out to the skynne of the oute region of the cubyte to the weste.

A deutipon of the fourth finow of the outer bnobbe 34.2 of the foulder.

The hygher braunche of the Capbe Deuplyon,

The order of the springinge forthe of the hygher 39,2 braunche noted wyth, 35, into the outer leate of the thombe the forfyngar and the mydle fyngar.

#### The table of the figures of lynowes.

37.2. The lower braumche of the benilion marked with 25.26 27.28.29.30.1. Sopre papers of lynomes of the hos 34. Aretched furthe to the bygger bone of the cus byte.

38.2. Here are thewed springpnges furth of the lower braunche marked with . 27. grafte into the muscles bipngpage they begyminge from the btter knob

of the shoulder.

39.40. 41.2.20th thefe notes arenoted braumches which springe forthe of that lower braunche, whyche is broughte to the bygger bone of the cubpte, whis the the layde lower braumche doeth offre and bring to the begynnpnges of the muscles communge Downe frome the biter region of the bygger bone of the cubyte alonge the length therof.

42,2 The ende of the braunche whiche is fretched oute to the byager bone of the cubyte marcked wyth 37, and younge fpzynges, whiche the layde braunche boeth delyucr to the toynte of the wreste wyth the

cubpte.

\*.1.2. The fifte fonome gopnge into the arme.

43.1 The order of the thyrde and the fourth synowes of theym whiche comme to the arms diffused on the mulcles occuppinge the infpde of the cubyte.

2 braunche of the thyrde from putte furth tothe leffe bone of the cubyte, and afterwarde digefted in to the infide of the thombe, the former fpnger, and the middle finger.

45.1 A braunche of the fifte spnowe fastened to the bpg= ger bone of the cubyte sendynge hys braunches to the inner feate of the lytle fynger, the rynge fyn-

ger, and the myddle fynger.
46.1. A braunche of that braunche fallened to the bygger bone of the cubyte marcked with 45. Ipiphs gynge furth to the btter live of the litle finger, the ringe finger and the mpole finger.

& 1,2 The forte fonowe, pertayninge to the arme. Hel Con

47.1. The ende of the fprt finole, endpng not farre from the knittynge of the wreste to the cubpte.

48.48.1 Opicles rumpinge furth from the fyrt fpnowe into the Ckynne, to whome the fayde lyrte synowe is broughte.

20,21, 22,23,24.1. fine payze of lynowes commyng furth of the toyntes of the loynes.

49,49,1 A braunchetaking his begynning from the twentieth payze, and he is led furthe with the arterye of lebe to the tefticle.

50.50.1 A procedinge of Cynowes by the mulcles of the abs

51.1. Braunches frome the fynotes, offered to the mul cles of the Abdomen runninge furth into the mulcle, by whom the arme is brought toward the lower

52.52.2 partes of the backe. The hynder braunches of the fpnowes commynge furth of the tournpage iopates of the lopnes. ferthermoze, the small braunches, whiche in the fyrite figure belonge bnto thefe karacters. 20,21,22. are they that increase the braunche of the syric payre of synowes, of the brayne stretched forthe to the rootes of the rybbes, and of the small braunches bigested in the begynninge of the sprie muscle of-mounge the thighe. But the small braunches be= longpinge to.23.and.24.are they whiche are pres fented to the muscles of bowing the parte of the backe.

ipe bone, and the small braunches whyche are nexte thele in numbre are they whiche are infolded about the neckes of the bladder, a the Matrix, and why the lykewple doc runne to the mulcles of the arle.

53.1 A fpayngynge furth of the firste payer of the bolye bone, or of the twentpe and fyfte papie, ledde furth to ginner feate of the buckle bone, and to the mufcles of the Abdomen, gopnge furthe of the layde

buckle bone.

54.2. A spayinginge furth of the twentye and spite payze, gopnge to the knobbe of the buckle bone, offerpage there his braunches to the muscles, and to the fayn of the buttockes. And hether doe pertagne also finall braunches from the payre folowinge.

55.2. Here is a braunche of the spryngynge furth noted

with .54.presented there to the muscle.

The ende of the marpe of the backe, fallynge here furth, budenided or without a felowe.

57.1. The tiefte lynowe goynge bider the thigh.

58.1. Abraunche of the firste synowe communge to the 59,1. A portion of the firste synowe of the legge infolded

with mulcles.

60.1. The leconde lynowe creapynge into the legge. 61,1, 3 braunche of the seconde synowe of the legge, crepynge alonge the inner leate of the thyghe and the Appune buder the skynne but othe hergth of the foote.

62.1 A distribution or devision of the braunchemarkey

with 61 into the heigth of the foote.

63,1 Lounge fpzynges of the braunches marken with compallyinge about the former feate of the lamine.

4.1 3 portion of the second summer of goinge into the

legge; enterprige binder the tower partes of the thyghe.

65,1 The principallell and chiefelt braunche of shat pos tion whiche we have noted with 104 grafte in the fifte muscle of mounge thethigher:

66.1 The thyrde lynowe parteruping to the thyghe. digested into the muscles occuping the hole of the bone about the primy membres.

A braunche of the thyrde squaweled forth into the Skynne of the thyghe.

69.1 A portion of the thyrde fprowe abrorng ut bepth of the thyghe, and infolded with mulcles w

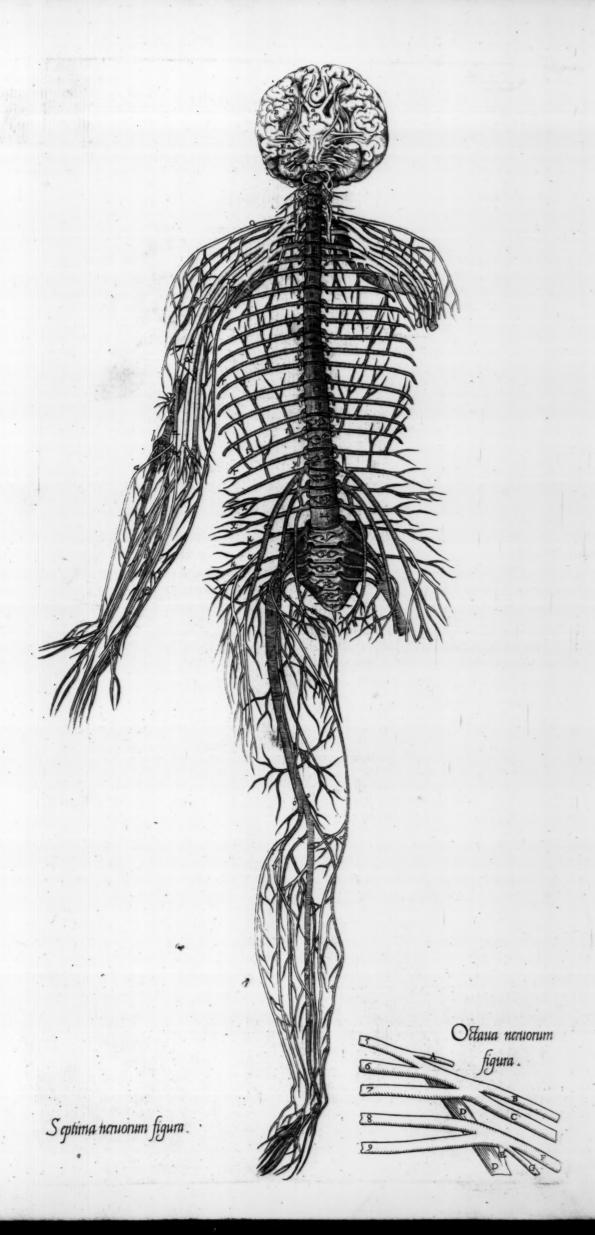
The chiefe batunche of the fortagoe porcion lente into the lecode mulcle of the mouers of fifpune.

The fourth and the thyckell (pnowe of them which 71,1,2 doe goe unto the thigh.

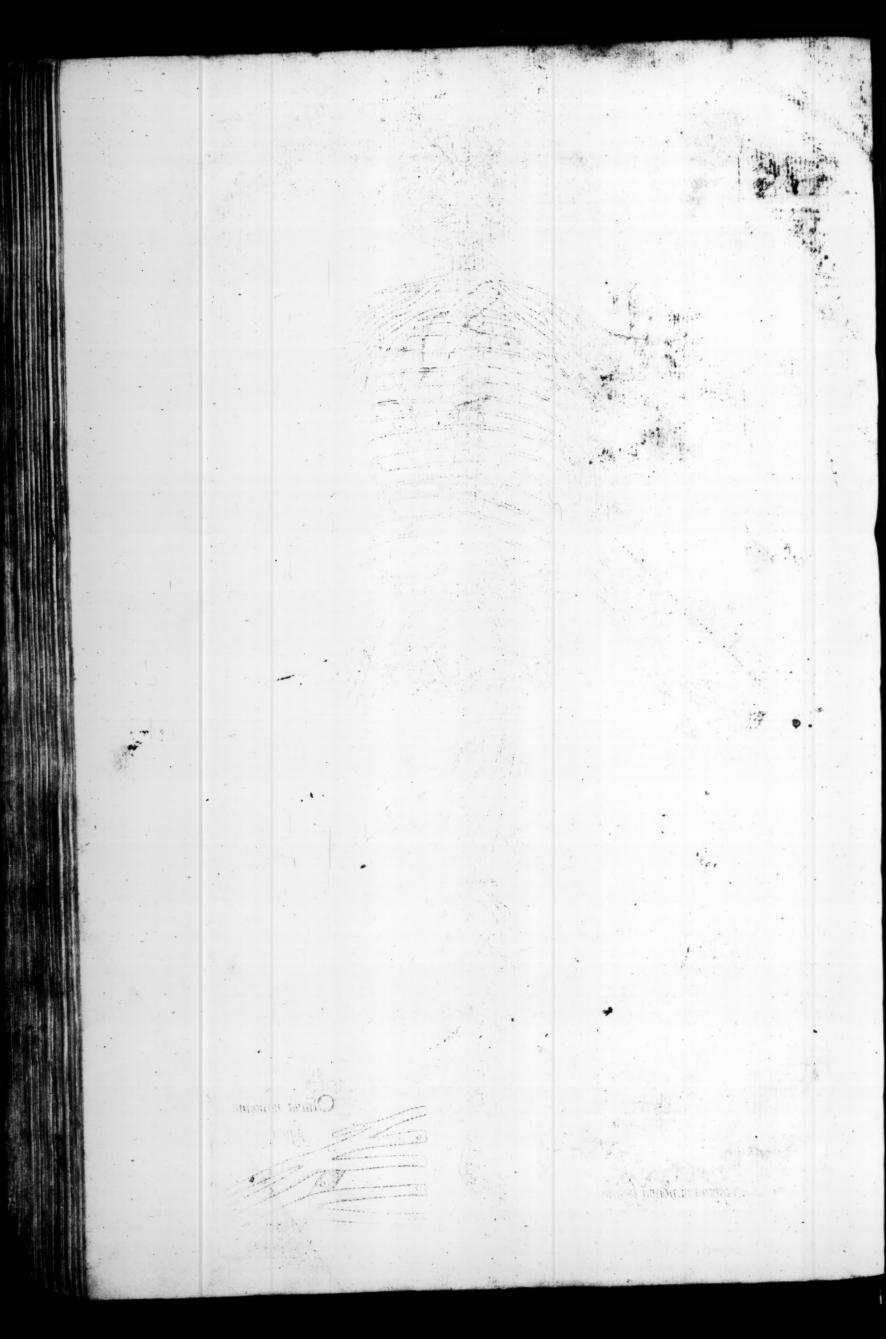
The fpipingpinge furth of the fourth fpuotoe fored for the molte parte into the fapune of the finder feate of the thigh.

Mytle braunches of the fourth fpnowe drawen out into the heades of the mulcles, whole beginninger dependent frome the appendames of the hyppe

74.1. A beaunche of the fourth fynowe prefenten to # postion of the fourth mulcle of mounna the Chinne bipingpage typs fyfte begynnpage from the bone of the thughe, cunnyinge furth firagte have into the skynne, whych is brought oner or about the tower



,iet



## Thetable of the figures of Impine Dinitil

leate of the hynder region of the thught, a the tourt

75.1. Braunches of the fourth sprowe goginge into the legge, which are offered to the heaves of the muse cles brynging theyr begynning fro the lower hear des of the thighe.

76.1. A Deutlion of the fourth fpnowinto two braunches inequall of thickenes, whiche deutlion is made bestwene the lower heades of the thigh.

77.1. The thynner and better truncke of flocke of the fapoe diuftion,

78.78.1 Alpungenge furthe of the biter truncke, gopinge binder the skynne compassinge aboute the outspoe of the showne.

79.1 A spryngynge furth of the biter truncke, stretched firth bider the lkyn, which skin compasseth about the souner seate of the synne.

80.1 The unner and the thicker truncke or flocke of the great division of the fourth finowe.

81.81.1 A spaying furth of the inner truncke of stocke, speedde on the skynne, whiche concreth the hynder parte of the shynne.

82.1. The spryngpinge furthe of the biter truncke or stocke commissed or myngled with the inner truncke.

83.1 3 Diftribution of the inner truncke, in g lower leate of the foote,

84.1. Portion of the braumche noted with. 78. goinge to

85.1. If portion of the inner trunche, whiche is stretched furth to the lapune, whiche is broughte aboute the former seate of the counte where the hinder parte of the fore is knitte to the shown.

86.1 A braunche of the inner truncke goinge to the bps per parte of the fore, depely hidings him selfe in the means whyle.

The declaracion of the sedenth sigure of synowes, whyche she weth the sprynginges furth of the sedenth payre of synowes, that are brought out of the brayne and the beg ynnynge of themarye in the backe, and it also setteth surth the distribution and order of all that brynge their beg ynnyng from the marye of the backe, beynge there conteyned, lyke as the declaration of this sygure shall shew.

A thys present fraue we have in suche maner drawen furthe the brayne with his hinder partecalled Gerebellum, and also the springinges furth of & brayne, as in the coote theros it appeareth, the scull

beyinge cutte of, whiche you maye well percepue in beholdinge the hinder parte of the heade. And that the karacters might the better be lette to and percepued we have drawn forththis figure as though it should lacke the one of the arms of legges by cause the declaration of them both are one.

68,6 Pere is noted the roote of the brapne of the other who and Albeinethibps parce which hangeth for

tatled of some men manufact of the two nosethels, called of some men manufact is processive. In street that parts of the brayne that goeth budget the large concautife and holowness of the skull, whych confuseth at the spoe of the holowness where the carnel is sette which doeth receause the stegme of the brayne. And contest principally the hynder seate of the brayne.

The right processe and goinge forth of the braine, seruping to the instrument of smelling.

The fpryngping forth of the ryght fonow of fyght.

G. The going together of the lynowes of lyght.

H The core wherinto the lynowe of lyght is dissolved or degenerate.

The leconde payee of the synowes of the brayne.

The lesse roote of the thyrde pape.

The thycker roote of the thyrde pape.

M The fourth pape.

The thynner roote of the fyfte papie.

The goodpest and fagrest roote of the fyst pape.

Thymne concrying wherinto the syste papers chiefely dissoluted to the instrument of hearyng.

springinges forth of the greater roote of fret payre, of whych this goeth out by g blinde hole, the other by a hole belonging only but bym.

The forte pape of spnowes.

The feuenth pape of spnowes of the brane.

The feuenth pape of spnowes of the brane.

The feuenth pape of spnowes of the procedinge or goinge furth of the spnowes of thes feruenth pape, nother we think it much necessarye
foto boe soft they are most dippentive sette furth
in the second figure of synowes.

the beginninge of the marge in the backe, oute of the middle of the roote of the branne.

O The seate of the marge of the backe, where it goeth out of the scull,

come. These karacters of numbers doe sette furthe and pointe to the seuen turnings counters of the necke, the twelve counters of the breste, the still counters of the breste, the still counters of the breste, the sque of the loganes, and the spre of the holy bone, and also the thirty expenses of sprowers, which springs oute of the marve of the backe, the order and proceedings of the which syndies I have sette forth by more owner mynde with all dilugence and playnes in this table as muche as made be. But bycause this place requireth but a small declaration with karacters, we will not note all the braunches of the synowers with their karacters or letters.

The righte synowe of the mydryffe, whiche without anye further busyness of karacters you may see to be fashioned oute from the springinges furthe of the fourth, systhaud syrte payre of synowes, and it is an easye thringe to biderstande thys declaration theref, ye you conferre the process of synowes of the first sigure buto thys picture.

2 I synowe commynge from the firste pape and distributed into the skinne, concrying the heighth of the shoulder, and afterwarde chiefelge into the muscle, whiche moueth the arme.

The first synowe of the arme, and his braunches runnynge out here into the skynne.

the feconde spnowe of the arme, with his beaunches going furth into the former muscle of the bowers of the cubite,

5.ttt. Th

#### The table of the figures of lynowes.

T The thirthe Iprome of the arme with his firsinging forth offered to the farme, which covereth the former leate of the arme.

The springinge forth of the thyrde synowe to the hinder muscle of the bowers of the cubyte.

Dortion of the seconde synowe communge to the thribe.

T A braunche gopnge to the heade of the leconde longer mulcle of the moners of the lelle hone of the cus byte downwarde.

the distribution of the seconde into two inequals braunches.

alonge the lesse bone of the cubyte euen buto the thombe.

d thicker braunche denided strayte wave into two springinges forthe, whose procedinges are here manifeste.

• Successions of & thyrde synobe, digested into the muscles occupinge the inspe of the cubyte.

d. A braunche of the thyrde lynowe firetched furthe to the leffe bone of the cubyte, and offcrynge after warde his cycles and yonge sprynges to p thombe, the forespinger, and the myddle singer.

onoteth braunches taken out of the muscles, why che do fretche forth the cubyte.

f a braunche of the fourth going to the limer lapine of the arme.

2 I braunche of the fourth, goinge to the biter and binder favine of the arme.

The M braunche of the fourth digested into the biter

The principal distribution of the fourth, at the god that in of the cubyte.

LL A braunche of the fourth stretched forth to the less bone of the cubyte, and brynginge his braunches to the inner seate of the thombe, the foresynger and the myddle synger.

1,1 A finall beaunche of the fourth stretched furth to the bygger bone of the cubyte, and beinginge beaunches to the muscles takinge their beginning from hys inner syde, and ending before the weetle.

The fifte lynowe of the arme.

The procedunge of the fyste lynowe into mula cles sprynging from the inner knobbe of the bone of the arme.

bygger boile of the fifte payre retched forthe to the bygger boile of the cubyte, and callyinge abrode his mulcles to the inner leate of the lytle finger, to the rynge finger, and somtyme to the myddle finger.

Braunches of the layd braunche, bowed backward to the otter leate of the hande and dyspensynge hys cyrcles to the otter leate of the lytle fynger, the rynge finger, and the mydle finger.

1.4 The first synowe of the arme, with the order and proceedings thereof, taken only under the skynne.

Ind as touchynge the beginnings and springings forth of the synowes of the arms with the foldings and knytting of them, they may easely be percepted without karacters.

Dere are the linowes between the rybbes, cutte of at that place where they tourne forwarde with the rybbes.

If Braunches brought into the hynder partes whiche are fene bare or without coveringes.

tinge to the muscles whiche are speed on the bones of the breste.

y,u Dere are shewed braumches of the syste payre of spnowes of the brayne, whyche doe encrease the braumche stretched forthe to the rootes of the rybe bes.

mynge counter of the lounes, whiche are distributed to the muscles of the Abdomen, and of this leave, and also of the Ekynne.

I finall fynowe goynge often to the tellicle, and he is here cutte of.

2. Spryngenges forth goinge to the lexte mulcle of the mouers of the thigh.

. The firste synowe goinge to the thigh.

a A spryngynge furth of the firste smowe goinge to the skynne.

p Aspringinge forthe of the firste smowe throncke by depe among the muscles.

The feconde fprome going to the thighe.

ayonge braunche of the leconde sinome runninge furth buder the skin by the inspose of the thigh and the signme but the upper partes of the foote.

al springinge forth of the seconde synowe drawen out of the muscles whiche accupe the former seate of the thighe.

The thirde fynowe of the thighe.

a lipsynginge forthe of the thyrde infologinge and wappinge in the inner fainne of the thighe.

a Asprongunge forthe of the thyrde govinge to the muscles.

forth is as well percepued as the thre bppermore.

the procedinge and order of the former braunches of the lower payres goinge forth from the holye bone.

the extreme and bttermofte pointe of the marge in the backe.

The springinges furth of the fourth smowe going to the thighe, spreade at the heades of the muscles communge for the from the appendaunce of the hyppe bone.

o, Springinges of the fourth linowe, running forth into the latter or hynder lkynne of the thigh, to the myddle parte of the length of the thighe.

I As springing forth chiefelpe going into the fourth muscle of the mours of the shine, and afterwarde digested into the hynder skynne of the thigh nighe but o the knee.

o Braunches growinge forth into the mulcles frome the lower heades of the thyghe.

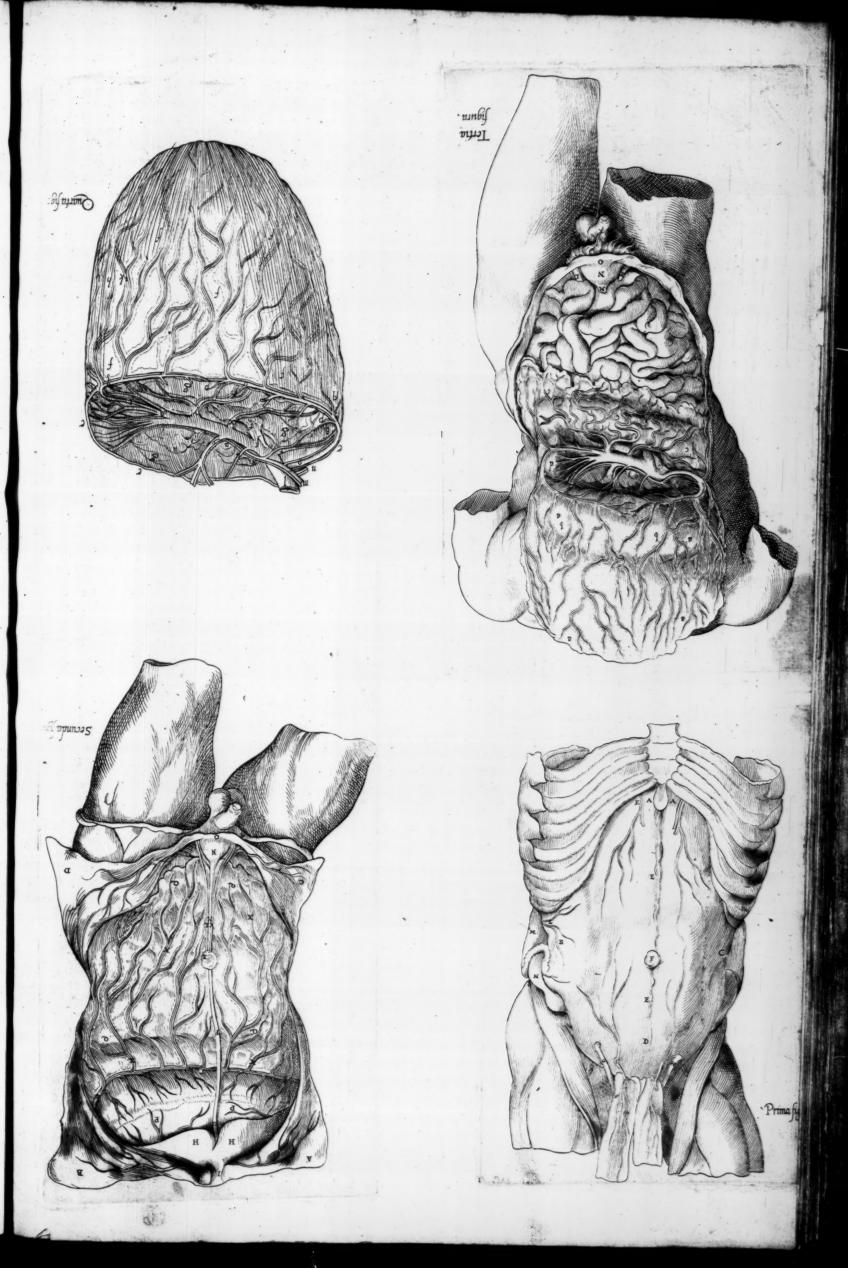
we a distribution of the fourth synome into two truncs kes of stockes. wheweth the telle, and e the bigger s A sprynging forth of the lessecuticke goping oute

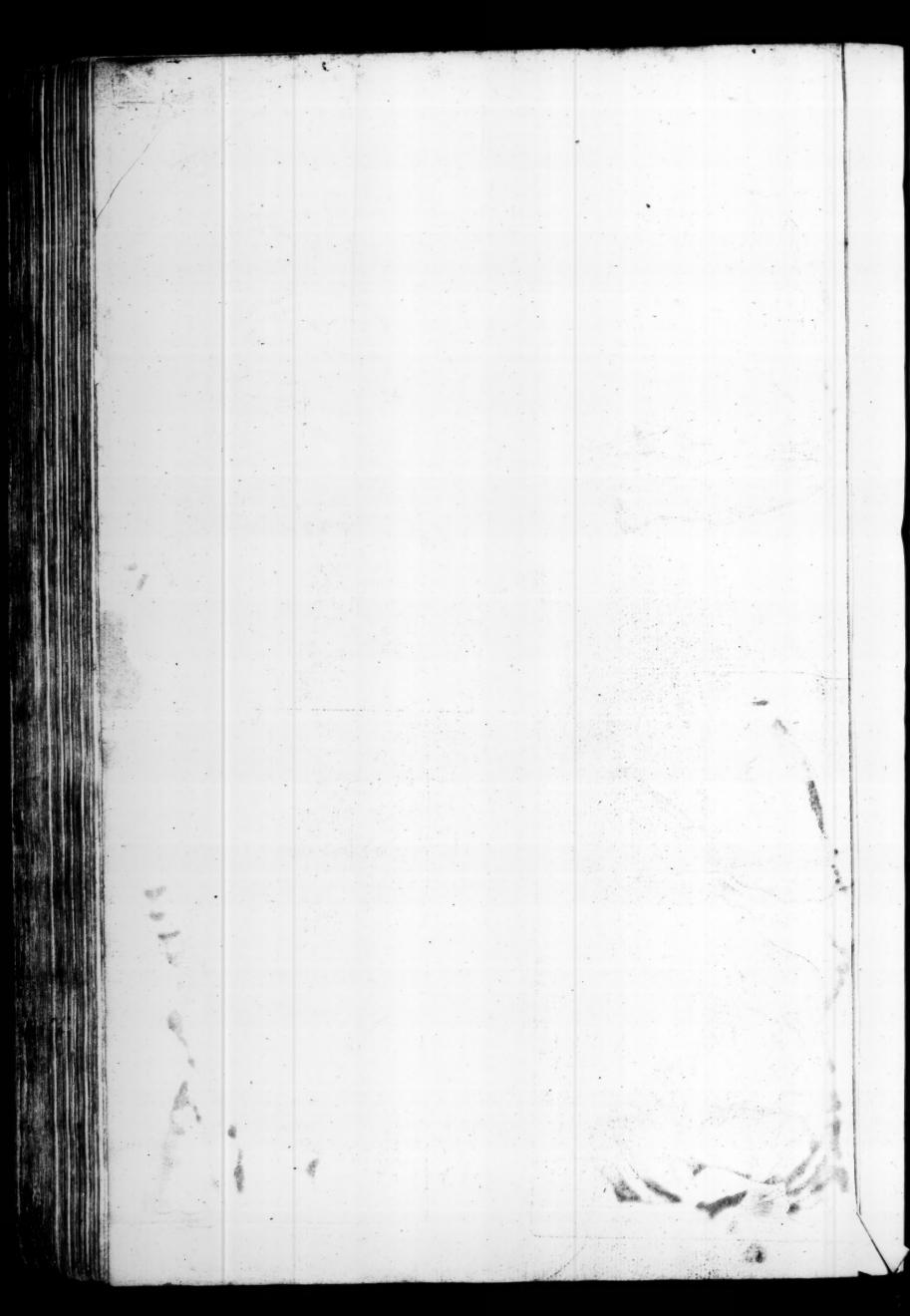
oyuerly into the outter laying of the lynne even to the toppe of the limale toe.

\* A braunche goping to the lelle bone of the thorne as mongethe mulcles.

of the China and the concept and the commentarior

o a braunche of the greater trunke of tocke bigels





## Thetable of the figures of finotoes!

ted in the fapaneon the incide of the Chyane, bato the greate toe.

\* I braunche of the greater troncke or flocke rete thed forth to the hymber skynne of the caulfe of the

4 A brauche allo of the greater troncke or flocke do= ginge through the lygament, and toyning the hyn= ber bone of the legge to the formet in pplace where the lapo two bones do open a londer, and then rennying forth to the hyghest parte of the toes.

The chiefe postion of parte of the greater trouke, gopnge to the neather partes betwene the flyme bone and pheele, presentinge circles or braunches

to enery one of the toes.

The declaracion in the eyghte froure of the synowes perteynynge to all the

Daue take in hand to expresse a fet fouth in this present from the puelent from e milot dyng, which is boon & first ryb in & fourthe parte as ( Welalius doeth (ape)all together naked, euen fo as I lawe it in the laste Anatompe in the binnerlite of Padua. And that this delineatis on mipght be the better lette forth, he hathe tmagt= ned here all the braunches to be cutte frome the fifte, the lyrte, the leventh, the eyghte and the ngith pages, bernge brought from thence another waye then into the arme, even as Joyo cutte them awaye frome the deade bodge, frome the whiche 3 toke thes table . But that not withstandinge you mape not thincke to fynde thys infoldinge in energe mantphe; bycaule in the Inatomye and diffection it appeareth oftymes other wife. Here foloweth the karacters wherewith thes figure is expicited and lette forth.

5.6.7 Thefe are the rootes of the payzes whiche doe con= fitute the fprowes, which goe buder into the arme, in that parte cutte of where as they fell forth frome

the turnynge toyntes.

8.9 And the synowes of the arme are cutte of in that same verye place where they begynne to fall into

A Thys is a pozció of the fyfte payre, from whence is brought a fynow being nombred the first of them that go binder into the arme. The feconde fynowe.

The thyrde synowe.

o The fourth lynome, whiche procedethhere frome the hynder feate of the goynge together of the fifte papze and the fyrte, and taketh allo a postion from thehynder feate of the goynge together of the fetienth parze, a afterward creping binder the going together of the eyght a the nynth payre, doeth take allo to it, fro g goinge together of g braunche marked with B. And also fro what commissions a knyttringe or gornge together of frnomes : the other tyromes one procede it is well proughe knower, pen topthouse any baracters, to that I doe fette but one haracter year that which doe goe to the

F the fifte fynome goinge into the arme.

G The space spraine goinge into the arme, but pf pout wyl haue a moore perfecte knowledge of thes infoldinge you mave beholde and confeder wel the leventh fraure of lynowes.

We shall here entreate of the instrumentes whis che doe serue to the nutrition or noryshynge which che is by meate and dryncke, and afterwarde by cause of the neyghbourhead and nyghnes of the purtes together, we wyl treate of the instrumentes sers uynge to generation.

> The declaration of the karacters of the fyrste fygure.



forthe so greate a portion of the bodye of a man as shall the feate of Peritonium. And thus in thys from the serpreft the former feate of Peritonium, whyche concreth all the for-

mer parte of the bealye bnoer the muscles of Abs domen delynered by the order of Anatompe or cut= tyng from the eyght muscles of & Abdomen, which

Peritonium is in no parte cutte awaye.

A,B C,D. weth thefe karacters Peritonium is marcked, and the endes therof are as it were to thele letters lymitted the wyng howe farre the Perisonium is fret= ched oute.

E,E Alyne procedynge from the charpe grystell of the brefte bone, procedyinge and goyinge to the topning together of the bone about the pringe membres, to the whiche the fynowie thinnes of the mulcles of the Abdomen descending and ascending sopwise, do growe verpefalte.

The Mauell whiche we ble to refetue in cuttynge (the mulcles of & Abdomen beynge cut awaye) bis. toll we have convenient feafon to make ocmonftras

tion of the bellels of the lapde Mauel.

The fede beffels on the left fpbe, as pet infolded & wapped in their thynne tunicles and fkyns, which they have taken and bozowed of Periconium,

The fede beffels on the ryghte fybe.

A bayne and an arterye, whiche are cheffye retched forth to the lower scate of the stranghte muscles of the abdomen, of the whiche here hangeth out also a

pozcion.
K a bayne and an arterye, whiche brought forthe in-Der the bone of the brefte fall forthe into the former. feate of the abdomen, thiefly broughte and prefens ted to the strayte muscles of the abdomen, and also wappynge in all the oppermoore seate of the Capde abdomen, lyke as those whythe we marked with. I. doe infolde a wrappe the lower feate which is nexte to the bone about the preupe members.

L Braunches and vapnes runnynge forthe into the lydes of Peritonium whyche consercth the former parte of the bealye bitter the mufcles of 3bbo= men, whythe papies are broughte frome those varies, whiche grome oute frome the payur lac-

#### The tables of the organs of nouryllynge.

king a felowe of frome the holowe barne lytle topites where as hys stocke of stalcke is gather red by to the topites of the lovies.

M A postion of the ouerthwart mulcle of p Abdomen, pulled from Peritonium and turned backwarde.

Dere is sene naked or bare the seate of the huckell bone, to the whyche the muscles of the Abdomen whych go sopwyse and overthwarte are comittyd. But syth am minded in thys present fraure, lyke as in all the other following to open and shewe those instrumentes onely, which shalbe treated on in this matter which we go about, we thinke it not requisit here to shewe those partes whych for that cause are added to the fraure, that y seate of the parte which we entende to describe, shoulde the more promptly be sene, lyke as in thys fraure, is the lower seate of the breste, despuered from the muscles of the Abdomen, and the beginninges of the thyghes onely belyucred from the skynne, for as muche as in the tables before or here after in y tables solowinge all those thinges shalbe more largely entreated of.

The declaration of the seconde fygure, and of the karacters of the same.

hys fecond fregure foloweth in the order offection next after first. For here is Peritonium so deupded with a strayte lyne frome the sharpe gry-stell of the dies done, but the bone about the priupe membres that we

have not hurte any of & vellels of the Mauel, a afterwarde the infition of cuttinge be made ouer= thwarte from the lefte buckle bone to the ryght, the foure angles of corners of Peritonium are fene tours ned offer from the former feate of the bodpe to the hynder. Furthermore, here appeareth also to the eyes, a parte of the Pattell with his bellels, which before were fastened to the sayde Peritonium. And mozeouer thys prefente fygure-doeth thewe a portion or a pece of the lyuer, and the feate or place of the bentrycle or mawe, and the lituation also of the caule broughte aboute the entrayles, why che place the caule doeth optame, whan it is drawen with the handes (in the cuttynge) towarde the bone aboue the pringe membres, as whan it is founde drawen agayne bywarde towarde the tefte fyde (as it chauceth oftetymes )and as it is lene in the fygure folo= wynge.

A.B. CD The foure partes of Peritonium cut one frome another, and bowed oner backewarde, so that the inner region or place of the former seate of Peritonium by the order of cuttyings doeth here appears manifest

The Pauell Delyucred from Peritonium.

F A bayne reached oute frome the Pauell to the ly=

o, A going in of the bayne of the Pauel into the thin or openinge of the liner.

H,H A portion of the louer appearinge oute of the gybs bons or swel seate therof.

The pipacipall legament of the knytters of the lyauerto the my dipffe, whiche confifteth towarde the

ryght lyde of the Marpe gryffell, for that Melde which is sene at the lefte lyde where I is set, is the Marpe gryffell of the breste bone.

The righte arterie crepinge forth from the Pauell alonge the righte live of the bottome of the

bladder butothe greate arrerpe.

In arterie of the lefte spde brought from the nauel by the lefte spde of the bladder to the great artery.

M The wave by the which the brine of the childe is purged frome the bottome of the bladder to the leg conde cote, whiche wrappeth him.

The bottome of the bladder.

The knittynge together of Peritonium to the bottom

of the bladder.

The former parte of the ventricle whiche is neyther concred with the lyner nor the caule. Thys
feate appeareth for thys cause the greater or larger bycanie the ventricle whome we have here lette
furth was greatly puffed by or fylled with winde,
lykewise as the bladder of thys dead body was lyfe
by sommiat hygher then accordying to the naturall course about the bones of the pringe membres
in the higher parte therof.

QUEL The caulc.

A vayne and an arrerye with a synowallo, brought furth to the ryghte seate at the lower partes of the bentricle.

s The vellels of the lefte fyde, whiche embrafe the

lefte feate of the bottome of the bentvicle.

In thys place the bestels of the right syde are committed to those on the lefte, and therfore R.S. Too shewe their closinge together, of the which the Phis losopher Artstotle in hoke of history whis the he wrote entitled disaminalibus, of the nature of beastes, as also in the fourth boke written departibus animalium: of harris of beastes, doth make mecton when he affirmeth that the cause doeth springe x, x and depende from the myddle of the beasty.

springinges forthe or braunches bothe of baynes and arteryes, broughte forthe to the opper pannicle of the caule, and compassed aboute with

fatte.

The declaration of the thyrde fygure, with the karacters of the same.

he third figure foloweth nowaccording to the order of administration of & Ana= tompe in the bodye, and the weth the lo= wer pannicle of the caule pluckte awaye or torne from the opper painticle, and the oppermoze alfo is firetched furth bponthe former pars tes of the brefte, and on the bentricle. Ind after= warde the bentricle is sene drawen by biolens fro hys feate and place by to the brefte that the nature of the lower pannicle of the caule myght conveniently be fine, whych you fe as pet brought ouer the entrailes, butpl the cause gathered from thence, bp to the lefte lyde maye apeare to the cutters. Jur thermoze in thys prefent fraure the fituacio of the entrailes leeth pet butcoubled nor medled withal, iphewple as of ipiene whole parte is here allo layed out befaze the epes.

#### The tables of the organs of nourythonge.

K.L M.N. and o by thefe letters are noted & fame whiche is noted in the feconde fygure, for K. noteth the epatt artery of the nauell, & L. the lefte. M. Geweth the wape by whome the baine of the childe is carred into the fecond infolding, which is here cut of lyke wple as the arterpes. But N noteth the bladder, O he weth the knyttynge together of Peritonium with the former parte of the bladder, and in thes figure we have cutte awaye the angles or corners of Peris tonium, whiche were marked in the feconde fpgure with A,B,CoD.

a, The hynder feate of the pannicle of the caule, whis the manye call the byper wynge, where it behol. beth the neather pannicle of the caule bepinge pet

b. Thys fwelling feate, is the bentricle coucred with

the opper pannicle of the caule.

ese The lower pannicle of the ceule, whiche of fome men is called Ala, his to fay hlower wynge, but the Imelignge parte, whereon the two ce are wiptten, is the gutte called Colon the arfe gutte, where he is brought out a retched forthe to the bottome of the pentricle a bleth the neather pamicle of the caule ul ftede of Mefenterum

Here the splene althoughe it be covered with the canell theweth hym felfe fomwhat fwellpinge forth, to whiche the thyriging and cleare substaunce of the

caule helpeth.

The neather pannicle of the caule, whiche is here fer nowe bider the bentricle, and shoulde be noted with manye haracters, but bycause we woulde not blotte it with a numbre of karacters, we have purpoled in the nette figure to fette theym, where with final labour the reader of frudient maye eafe= lye and without papie make the karacters, whiche are there lette to lerue for bothe the figures where bothe the figures are let forth.

> The declaration of the fourth fygure with the karacters of the same.

Athrs fourth fraure is discribed the caule belyuered and naked fro those membres to whome it groweth, or rather from those where it taketh his begynnynge, bernge no partetheroftaken away, hys whole confiruction proportion or makynge, and thiefelye the processe and order of the baynes, arterpes and fynowes, to the glandulous or carnelly bodye alfo growinge bito it, are bere fet forth. and here may pou learne in thes fegure, home properlye and aptlye the caule is lykened to a facke, to a bouget,

or to the mall nettes, whiche the fifhers bie. Che tircle of graule, or his necke of opening place where he taketh his beginninge.

I.f. The former face or Chape of the upper pannicle of

the caule. The founer face of the lower pannicle of the caule, but this here is not fene wholpe as the former face of the opper pannicle, bytatile the feate onely of the lower pannicle is here fine, whiche is laybe under the bentriele, and be belogred to g entrayle called

Colonintestinum, the arle gutte, where the lapde gutte is firetched furth to the bentricle, the refte of the lower painticle, is hydde bider the oppermoze.

b, t with these thre baracters set at the lefte spoe of the lower paunicle of the caule, the confirmation og the maner of the making of the caule is declared. For H noteth the thyane country parte of peaule lacking both vaynes, arterges, and fat. iheweth the vellels. By k is expect the fatte growing or fa flened to the vellels. And as we have bestowed thefe karacters in this part of the caule, to no man doubteth but that they myght haue bene placed in eucry place or parte of it.

The flocke of ftalke of vena porta, where it commeth forth of the lyuer and is contevned in the lower pa: nucle of the caule and by it is stayed and bome bp.

An arterpe goynge to the holownes of the lyuer, 4 to the bladder of Coler, accompanied with the lynow whych cometh from the braunche of the fpnowe of the fyrte paper of lynowes of the bearne on the left lyde, and is firetched fouth to the rootes of the rpb: bes on the ryg'st fyde, and goeth to the holownes of the lyner and the bladder of Coler.

The beginning of the vapue of the lower necke or openying place of the bentricle, which goeth princi= pally to the hynder leate, hauping an arrery as a fe-

lowe with it.

.. An artery, a varne, and a synowe, stretched fouth by the begynning of the opper pannicle of the caule, to the ryght leate of the botome of the bentricle.

P.P Circles, pounge Apppes of thole bellels which are treached fouth to the right leate at the bottome of the bentricle and doe mappe in the bodge of the lapde bentricle.

1.4 Spayngynges forth of the layde bellell, which are retched out to g right leate of g bottom of g bentri-cle are fpred abrobe on g bpper panicle of g caule.

2 bapne and an arterye stretched furthe to the entraple of longe gutte called Ducdenum and to the be= gympage of the hungryegutte oftentimes abe myttynge and receyupage a small synowe bute theym.

1. A deutlion of Vena portainto two trunckes or flockes. And that we have fette forth the bapnes marked with Rand.o. fomwhat higher bere, then in the bare fygure of the thyto treatyce of Vena porta, it is bene for thes cause that the springinge furthe of these vapues doe in thys maner oftentymes barre and

, The ryght or the greater trunckes or flockes of Vena porta, runnynge furthe into Mefenterium and into

the entraples.

3 bagne runnpinge furth withoute the companye of an arterpe, into the hynder feate of the bentricle or mawe.

A vayne with an arterpe and a synowe speedde in the ryghte leate of the lower pannicle of the caule, and comming alfo in this parte to the entraple cale

led Colon intestinum the arle gut.

bynder partes of the bentricle, a afterwarde compallinge the opper necke and openinge place of the bentricle in maner of a crolone, but there is of thes bagne and acteres fo muche expressed and

#### The tables of the organs of nouryllyinge.

let forth onely as it is fulleyned and borne by with the lower pannicle of the caule.

Dece is fene an actery of Mefenterium, which is forme what areater although it be a very final space bpe holden and borne by with the neither pannicle of

the caule. The truncke of the great arterye, whiche beynge as it were wepued in with the neather painticle of the caule, sendeth forthe hys braunches to the bentry= tle, the lyner, the bladder of coler and to the custraple Colon, where the layde gutte Colon is broughte touth to the bentricle, a then to the fplene, and fo oca cuppeth the fynowes that goe into the le partes.

A bayne with an arterye also and a synowe going chtefely bnoer & midle feate of the neather pannicle of the caule, offrenge also hys braunches to the entrayle Colon intestinum, where he creapeth fouth to the bottom of the bentricle.

3 parne hauping no arterpe with him, which being thypne offereth a fewe small braunches lyke to it selfe to the lefte seate of the neyther pannicle of the

The order or procede of bapnes, arterges and linowes into the Splene.

A bapne and an arterpe also and a spnowe retched forth to the lefte feate of the bottome of the bentris

" A glandulous of karnellye bodge of fubitaunce growing in the neather pannicle of Bcaule, which 15 commonipe called Brifauolo on Bulcem morfum 02 Bolum, & Buccam faporitam, & Rodol, And we cal it bere in manye places of Englande the fwete bread.

a postion of the glandulous of karnelipe body that groweth buder the entraple called Duodenum.

Athe fifte fygure (by the order of cuts

trnge)folowinge the thytoe, the lytter, the bentricle, and the entraples, kepe ful they proper feates, the caule neuer thelesse where he spronge furth frome the Ventrycle remaphphoge always to the entraple Colon, bepage beterlye cutte awaye, lefte it myghte fortune (bepnge there lefte) to defple or barken the feate of fome of the organs there . furthermore, that all thynges myghte the moore commodioully e be lapde before the epes, we have in the paymenge broke of the endes of some of the rybbes, bowpinge them also backewarde with Peritonium, and with the myodapffe wherunto they growe. And the bladder in thes prefente fegure aunswereth to the bladder in the thyrde and the seconde fygure. But because that the karacters of thes fegure, beingem order the fofte, are for the moofte parte all one with those in the two fygures folowing, that is to lay: the lyrt and fettenth, we have thought it convenient before the declaration of hys karacters buffelye to thewe what thruges Chalbe in them configned.

Athe forte fogure we have onely declastred the procedynge of thomsentraples red the proceedings of infiline entraptes reserving a portion of the bentricle, of the entrapte Colon, with also the blunde guite, that the present frame mighte the moore easelve be adopted to the seuenth fraure, and that

the begrinninge of the entraple Colon is some what more then neverh, broughte from the lapbe thome entraples, you shall buderstande it to be done for thys cause, that the thome entraples myghte onely be the better sene chtefely syth the fyfte fygure Do: eth moste clearelye thewe the situation and goinge in of Colon aboute the thorne entraples.

Ad in the seventh are sette forth the shape pes of the blynde entrayle of Colon, and of the arse gutte, called Intestinum rectum, with also gende of the small guttes and the muscles belonging onely to the arte gutte.

> The infinuation of the karacters of the fyfte, the syxte, and the seuenth,. fyoures.



his infinuation of & karacters now following, serueth both to & fyft, the forte and the feuenth fogures, and pe Mall knowe whiche karacters are proper to everye one of the fp= gures by thefe 5.6.47. and where

as you fee none of thefe notes adjouned to the let= ter, you Mall recease that discription as common to all thre.

The Charpe griffell of the breffe bone.

This is Piritonium or Syphach, with allothe broken cybbes, with & mybryffe growinge buto the bowed backewarde on the libe.

c.s The former ligament, where with the liner in man is gathered by to the nigotyffe.

D.D.5 The greate feate of the out fpbe og cometite of the

E,5 & small postion of a bayne graft in the lyuer from the nauell.

F.F.5 The former leate of the bentricle.

G.5 The lefte fpoe of the fplene, oz his partes leaninge

towarde the former partes of the bodge. A postion of the bentricle, whiche constituteth the lower necke of the bentricle of the begynnynge ofthe entrayle, whiche we have farned here to be knotte or tred with a stringe.

I.K.6 Parte of the entraples, Aretched forthe betwene Fand K beinge commonly etalled Duodenun

L.7 The begynnpnge of the hungrye gutte and the frate of the thynne entrayles, where they begynne first to be ouerturned into the croked infoldinges; and to rple bp forwarde.

The ende of the finall of the thoune entrayles. But in what feate the ende of the hungrye gutte, oz. the begrunginge of the finall guttes confideth it is here berge dificill to delpnear fyth in all the eduction goinge from L in the feuenth figure, and to Min the eyghte figure is the web no maner of biffe. rence where we may differer the hungrie gut from the thenne entraples.

The begynninge of the bygger entraples (weltrage furth.

This entraple we call the blynde gutte not to con-tende of anye man woulde geneather name to ano-ther part of these greate entraples neether, woulde

#### The tables of the organs of nourythynge.

I withe any man to be ouer curious in the doffer tence of names lette there by he nighte have ot= calion to neglecte those thonges in the fabricke, which we with dilygence do enquire in the conficue=

tion of the other partes .

N, P, Q. R.S, T.5 7. With these karacters is consigned the enstraple Colon, but energy one of theym noteth some thrnge privative by hom felfe, frome N buto P. is noted the educion of the entraple Colon, goynge from the right feate of the kyonage buto the hos lowe fpde of the lyuer. from AP buto & is noted hys educion stretched forthe alonge the bottome of the bentricle from the holowe lyde of the lyuer buto the region of the splene, from A.Q buto Ats noted the educion of (olon frome the region of the fplene, to the bone about the papupe membres, pro cedying by the lefte fpde of the final guttes.

But R, buto s, whyche is fene payuat-lye, on the fetienth, is thewed the afcention of croked procedying of Colon, where as he attempteth bp= warde to the regyon of the nauell, but frome sto T, is noted the procedynge of the layde ascention to the begynnynge of the Arayte gutte, other wyle cal:

led the arle gutte.

XX.5.7. The leate of the entrayle Colon put downwarde.
XX.5.7. Bunches lyke halfe bowelles apearynge on thys entraple Colon in bothe the figures called common= lye celles.

7,5-7. The beginninge of the arlegutte or the ftrapte ens traple, and what fo ever is contagned binder ris the

sayde strayte entrayle. z.7. Postion of the wave of carpeng the coler to the en-

traples.

-7 3 mulcle amplectynge rounde aboute the ende of the strapte gutte, made for the expulsion of excre-

6,6.7 Two muscles drawings together bywards the fragte gut after the expullion of excrementes.

47 In thys feate the strayte gutte bocth growe by meanes of the gopnge betwene of hys musclous fubitaunce to the yarde in men, and to the necke of the Matrix in women.

.f.s Two arteryes beynge peculyer to the childe.

2.5. By thys karacter the bottom of the blabber is fignified, lykewyle as the wave by whome the brine of the child is expelled, which we have fayned to be cut of, as we have the late rehearled arterpes.

> The declaration of the karacters of the eyghte fygure.



No in thes erghte fegure in the wynge furthe the coates of the entrayles, we have expecte a parte of the strayles, we have expecte a parte of the strayle gutte, and of Colon also where as he is contynued with the sape strayle gutte.

The firste cote of the entrayles, whiche is muche within, and it is confirmed onely with overthwarte circulars since

circulers fibres.

i, The seconde cote of the entraples, whiche is also enformed with ouerthwarte fybres, but the more neer he is to the strapte quite moth the more straite funicles he is endewed. Lt This is a position of Nosentarium, bubyche commette the stratte entraple to the holy bone and he rettheth forthe to hym hys thyrde cote.

The thylbe cote of the entraples bescendpinge from the panicles of Mesenterium.

> The declaracion of the caracters of the nynth fygure.



hat this pilet fygure myght most aptive fet fourthe the fytuation of Mesenterium, it contepneth the thirme entraples, broughte together me ucry place with the hades byward and bolune warde to the lydes, and

afterwarde it theweth the centre of myddes of Mei fenterium, and the reason wherefore Mesenterium sene beth forthe beliels to the entraples and knytteth the entraples to p backe. And to thefe also he spes weth that parte of Mesenterinm that byndeth the ende of colon and also the strayte entrayle to the backe, and that fugure whiche we have placed to be the tifte foloweth after thys in the order of cutting.

A.B. CD Postions of Peritonium, whiche the Abdomen bes pinge opened are bowed outwarde towarde the fys

E,E The thynne entrayles. The blynde gutte.

G.G The entraple called Colon.

H The begynnynge of the stragte gutte.

The bladder to whome Peritonium groweth to, ir that leate thiefelye where he offereth to hym the o. ther cote.

X The centre of Mefenterium, and that part of the backe where it taketh his begynnpnge from the pannicles of Peritonium, whiche knytteth here together in the bodyes of the tournynge toyntes the greate Actes rve and the holowe bayne.

L.L A karnelly body now fet in that distribution of the bestelles, whiche are grafte in the centre of Mejons

M, M Karnels caffe betwene the diffributions of the befe fels, which bestels procede in that gopnge furth or progresse by Mesenterium to the entraples.

> The declaration of the karacters of the tenth fygure.



12 thys tenth fraure is onelye de= clared Mesenterium taken frome the bodye and delywered frontall the partes growinge to him faue on-ipe from a postion of the lower pan-

ipe from a position of the today of the nicle of the caule there where Colon nicle of the caule there where Colon nicle of the where vit procedeth by is bounde by to the backe, where git procedeth by

the neather leate of the bentricle.

Thys karacter K lyke as in the nynth frgure both fignifie the centre of Mefenterium

These karacters also lykewyle as in the nynth fys gure note the karnellye or glandulous bodye ,bes pinge the greatest part of al the body of Mesenterium, M,M Dere are noted karnels fet on those differious, whis

chenowe aproche to the entraples.

at, a with these haracters is circumscribed the part of O.DL

#### The tables of the organs of noury Hynge.

Melegrerian knyttyings the thynnic entrayles to the

Unto o theweth a parte of Mesenterium fastenpuge the entrapte Colon to the backe, whereby it is stretthed forth from the feate of the right kyonay buto the holomies of the lyner.

Unto R noteth that parte of the lower pannicle of the caule, whiche committeth Colon to the backe in all that feate where it is ftretched furthe alonge

the bottom of the beutricle.

Tinto & The weth a portion of Mesenterium belonging R.A onelpe in all that leate to the entraple Colon where it cometh frome the region of the fplene to the ftrapte

s, T That whiche is included betwenes Tis parte of Mesenterium, byndynge the strayte entrayle to the

y we have gone aboute to expede the nature of Mes Senterium in thes feate we have paynted it as it were one pannicle of him pulled awaye frome the other

with the nagles, as X is waytten on the one and ? on the other, and in the myble of thefe pannicles cunne furth the veffels of Mesenterium and hys fat and karnels are also there contayned lykewyle as pou mape fee in the firfte figure of women,

The eleventh figure foloweth in & ozder of cutting the whole fygures put befoze, and it hath in the fiz gures Peritonium cutte awaye, with also the caule taken awaye, and we have here broken certayne rib bes whereby the holownes of the lyner myghte the moze commobioullye be declared. for hereislene the univertall holownes of the lyuer with also the founetherof. Ind afterwarde appeare the neckes of the bentricle. And we have putte downe on the lefte lyde as well the entraples as the bentricle, that a parte of Mefenterium myghte be fene, and the proceedings of Vena porta withhym, and afterwarde the infertion of the way of coler into the entraples, and if there be any other thing, which we that here after fette furth with karacters in order by thepm felues it hall be ftrapte waye expreste with fuche thonges also as the twelfe table shall shewe bus to bg.

> Thet welueth figure expressing the only declaration of the bladder or vefficle of coler and hys wayes.

> Here foloweth the declaration of the kas racters of the eleventh & twelfe figure.

Ad thes prefent declaration of ha= racters is had common botheto the eleuenth and twelfe fygures for thys cause & we wold have configned the holowe feate of the lyuer with manye karacters with the whi

the he is occupied in the twelfth table, but that we hould to the abudance of fo many baracters have defyled the declaration therof . And by the appolition of thele karacters 1 and 2 you shall knowe when we speake of the eleventh and when we weake of the twelfth, for 1 betokeneth alwaye the eleventh, and 2 the twelfth, but where bothe are affixed together the we speake both of the eleventh and of the twelfth.

A postion of Peritonium with the enertion og turning

ouer of the rybbes.

I.K.2 The holowe lyde of the lyuer.

L.1 A small postion of the knobbye seate or backe syde of the lyuer.

M. The fection of the lyner wherein the bayne is first

grafte that noury theth the childe.

N.1 Chappes of cranges, impressions, or lytle wertes fene in the holowness of the louer nighe to the forms gringe furth of Vena porta, but the hygher og lefte N, or that that is nyghe to T the weth the feate where the barne procedynge from the nauell is grafte in the holowe lyde of the lyner, where the stocke of Vena porta commeth furth. And frome M to N is noted a boole whiche fendeth thosowe the bayne of the na= uell buto the feate marked with N.

0.1 A lygamente knyttynge op here the lefte parte of the lyner to the mydzyffe, whyche leneth oz endeth

as it were into a tharpe angle.

\$1 The holownes of the lyner beynge here cutte and geuynge place to the fromacke where he is continued with the oppernecke of the bentricle.

P.Q.1 The bentricle.

R.1 The bpper necke of the bentricle oz the ende of the ftomacke, with allo the bapnes arterpes and lynos

wes amplectinge the layoe necke.

S.1.2 The lower necke of the bentricle, and the bearns nyinge of the entrayle Duodenum which bycause he is otherwyle fet in the twelfe fpgure then accordynge to bys nature, we have bowed bym agayne inward, that the wave of the bladder of coler might the we hym felfe, bepng in hym graft, and here after to be marked with .

T.1. 3 spnowe brought forth from the synowes infola bring the necke of the bentricle, and graft in the cas

uite of the lyuer.

7,2 The blader of coler, thys is fenc in both thefe pres fent fegures. But I have patuatly marked with thes caracter, that onely in the twelfe fegure, and thus accomodating your mende fraft to the twelft and afterwarde to the eleventh, as well here, as in certagne caracters folowinge, you hall have the tribe knowledge both of the procede herof, and also of the partes adiacent here buto.

X,X2 The wave of the bladder of coler, led forth by the body, of the lyuer, betwene the brauches of Vena porta

and alfo of the holowe bayne.

7,2 3 (payingying forth of Vena porta, Diffused in the sub:

staunce of the lpuer . A fpaying forth of the holowe bayne, digeffed al

fom the lubitaunce of the lyuer. I would here expresse and fet forth the fotuacion of the bellels in the fubftance of the lyuer, that is to lave, howe and after what maner they are let bn= ber the brauches of the brauches of Vena porta [pring page forthe of the holowe bapne, and after what maner in the mible of these bestels, the wayes of the bladder of coler borunne forthe. The running together of the wayes of the bladder of coler bapch runninges and metanges together are digested in the badpe of the spuer.

The tables of the organs of nomy flynge.

8,2 The necke of the lytle bladder of coler whereto the waye that is brought from the lyuer and marked with a 18 grafte and made to ferue.

The way of the lytle bladderof coler, grafte into a the intengle Duodenum and thys letters but of in the twelfeth table of figure, the weth the entrayle Duodenum, whiche is the longe gutte, whiche we have described and lette open in the lower leate, lest the infection of his way noted with shoulde be hydde and not fene.

... In acterye digetted into the holomies of the lyuev

and the bellicte of roler.

f,2 A smal smowe common to the liner and the besticle of coler, being brought furth from a braunche of the little payre of synowes of the brayne, whiche is stretched for the to the rootes of the rybbes on the right side.

22 Chinne fpzingynges forth of Venaporta runing forth

into the befficle of coler.

bit The ftocke of ftalche of Venaporta,

weth to the entraple Duodenum, and beareth by the

beffels whiche are brought bnto it.

- This is Mesenterium, but encrye one of these karace ters by them selfe doeth shewer somewhat properlye, for k noteth the distribution of the greater stocke of Vena porta into Mesererum, and sheweth a glandulous or karnellye bodye set oner as heade rucler to the first distribution of the bessels into the Mesenterium. But m sheweth that parte of Mesens terium to whiche the entrayle Colon, the arse gutte in all that parte or place is committed where frome the seate or place of the ryghte kydnaye it pertaymeth but the holowness of gliver. For the entrayle Colon is here taken awaye frome Mesenterium, that thereby the centre of Mesenterium might the more aptilye be set forth.
  - m.2 A bapne whiche stretched forth downewarde bider the hynder seate of the strayte gutte and geneth furthe spy bapnes to the land strayte gut.

.. Dereis allo fene the opper parte of the bottome of

the blaoder.

pir Chat which is swelleth forth here is the right kid nave coursed per worth has fatte pannicle.

g, The wave of the bipne, by & which is brought the brine frome the right kyonaye to the bladder.

The feeds barne and arterpe on the right fode.

7.1 The leede vayne and arterye on the right lyde.

7.1 I vessell carping the seede frome the ryghte testicle towards the begynnynge of the necke of the bladder.

The thyrtenth froure expresseth the former face of the whole ventrycle and stomacke, with the vaynes, arteries and synowes, grafte on the sayde ventrycle.

The fourtenth frigure she wynge the hunder face or parte of the whole ventricle and stomackes

tenth and fourtenth fygures



claracters whiche be in this desclaration to be opened are common and doe ferue to bothe the fygures, not withstandinge they belonge sometyme to the one specially, and sometyme to the other specially.

fometyme to the other specially, and therfore we will note these karacters whiche are common with these numbers 1 and 2, where as 1 appointeth to the thirteenth, and 2 to the four =

tenth onely.

pea, and to the ampletude a largenes of g mouthe, whiche is here sene cut from the James.

of the flomacke by the mytdle of the turning toyne tes of the brefte.

from B buto c is thewed the procedunge of the stomacke into the ryghte syde somwhat declininge or goinge downwards brouthe syste and some of the other followings the tournings toyntes of the bresse.

C.D.1,2 from C to D is lette forthe the procedynge of the stomacke frome the ryght leate towarde the lefte clymmyng by about the great artery, a then going by the mydryffe into the byper necke of the bentris cle to be marked hereafter with G.

E.E.1 These electers shewen two karnels called of § 19hi= sitions Amigdala of Toncilla, whiche are nyghe buto the opper ende of § fromacke buder the holomes

of the mouth.

F.F.1.2 A glandulous of harnellye bodye growinge often tymes to the stomacke, where as he setteth on the bodye of the fifte turning toynte of the breste.

G.1 2. The oppernecke of the bentricle.

I,1,2 The bpper parte of the bentricle.

K.K.1.2 The lower parte or bottome of the bentricle.

L.L. The former feate of the bentricle.

M,N.O 2 The hynder leare of the ventricle, yet everye one of the karacters lignific fomwhat specially and severally e by them selves, for 0 noteth the impression whiche the ventricle demaunded or requireth in that seate where he resteth on the turninge soyntes, M sheweth the parte swellyinge forthe on the leste syde, and N the parte that swelleth forthe on the ryghte spde.

P.1.2 The entrayle Duodenum the longe gutte, whiche we have bere ymagined and fayned to be cut of at the

beginninge of the hungrye gut.

Q 2 The wave of the bladder of coler attemptyng hys infertion into the entrayle Duodenum.

R.2 fand entrayle nothing the infertion and grafting of hys wave whyche we shewed even nowe with Q.

5.2 A karnellye bodye growynge bnder the entraple Duodenum, bphologinge the bellels broughte furth to

the faybe entrayle.

of fynomes of the brane, led furth to the foundes and there distributed with a manyfolde order into his byper necke or open place there.

The lefte spnowe,

A springinge forth of the lefte spnowe, runnpinge

## The tables of the organs of noury Hynge.

forth by the hygher leate of the ventricle buto the I lyner, and it is here marked with I, where it is nepte to the lyuer.

This is the firste bayne and arterpe of the bentri= cleas we are wonte to name it for the more playne erudition and doctrine.

The seconde bayne commong to & bentricle, which lackethhis artery to accompanye it.

the thirde bayne of the bentricle, with his felowe the artery, and allo a fynowe firetched forthe by the ryghte region of the buttome of the bentricle.

41.2 The fourthe bayne of the bentricle, haupinge an arterpe to bps felowe compastynge aboute, the bps pernecke of the bentricle after the maner of a gars

3. Braunches of the lapbe bayne and arterpe, whiche procede by the higher feate of the bentricle buto his lower necke.

The fifte bayne with his felowe the arterye, and with a lynowe, crepying forth to the left feate of the bottome of the hentricle.

St.1.2 Other bapnes and arterpes lpzpngpngc furthe frome those bestelles, whyche are grafte in the Splene.

#### The fyftenth fygure.

A the tyftenth fygure we have demacke, and the entraples, and we 6 haueturned the infede outwarde, that the inner fyde contapnynge the meate and directe meghte be

d acticuler (welling of the bentricle lyke to a roube circle fene in that feate where the stomacke topneth with & bentricle, or where the higher necke or openinge place therof confifteth.

a rounde anobbe of fwelling appearing at the lower mouth of the bentricle.

## The syxtenth fygure.



cries 10

Ad firstenth fraure teacheth, the order or procedyinge with the nombre and nature of the coates of the bentricle, so well as we coulde in a-npe wpse by ymage or preture ex-pressent.

the thyrde cote of the ventricle springeth forth fro Peritonium, and it is here for the most parte pulled as wave from the bentricle.

The seconde cote of the bentricle somewhat lesse, taken from the bentricle then is the thyzbe.

The firste and the inner more cote of the bentricle, belyuered in thes parte frome hes two bitter co-

> The declaration of the karacters of the sevententh fygure.

X. A fregrey, agreement refer french e, rummage



Dis sewententh figure speweth the gybbolite and hynder leate of the liner, with also a portion of procke of the holowe barne.

The byper parte of the gibbolyte or swellynge knobbe of the lyner.

The neather region of the gybbolyte of lwellynge

of the lyuer and of his hynder feate.

The feate of sholow payne, where it goeth thosow the myddryffe reaching to it his braunches.

D,E In the s space between is noted the feate, where the Nocke of the holowe varne groweth to the hynder seate of the lyuer.

I postion of the chiefe bande whiche falteneth the lpuer to the mpdapffe.

Alygament kupttynge together a parte of the lyuer, stretched muche on the lefte spde tathe inpos dipffe.

H A postion of Vinaporta.

The bought where the lpuer geueth place to the flomacke, where he is continued to the left necke of the flomacke.

> The eyghtenth fygure whiche she weth the splene on enery syde, whose sytuatise on and greatenes after hys proporsition, the nyntenth sygure hereafter nexter followings shall showe at these lete ters. 0,0,P.

De syste of the eyghtenth spante exwith a portion also of the caule or the partes of the opper and neather then conermaes of the fame.

for A theweth the lefte lyde of the splene, but the ryghte fyde and the myddle feate of it are couered with the caule.

BB and B thewe a postion of the neather pannicle of the caule, byinginge downe the bessels of the

CC But Cand c lignifie a postion of the bpper pannicle of the caule, where the bellels are carped fouth to the bentricle gopnge forth frome those beffels, whiche doe runne strayte wave to be grafte in the splenc.

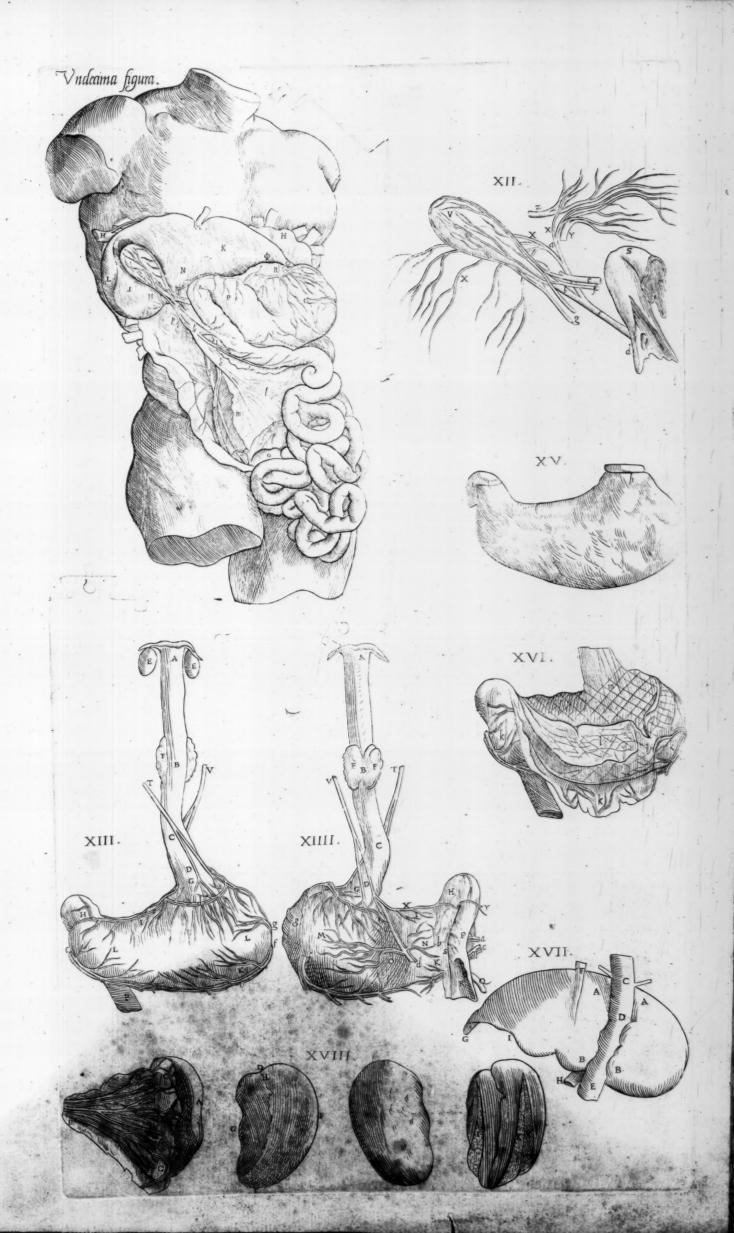
D,E In the feconde ymage and picture of the englis tenth fygure is expecte the holowe region of the splene, delyuered from all the partes, whiche are committed and toyned buto it . And D noteth bere

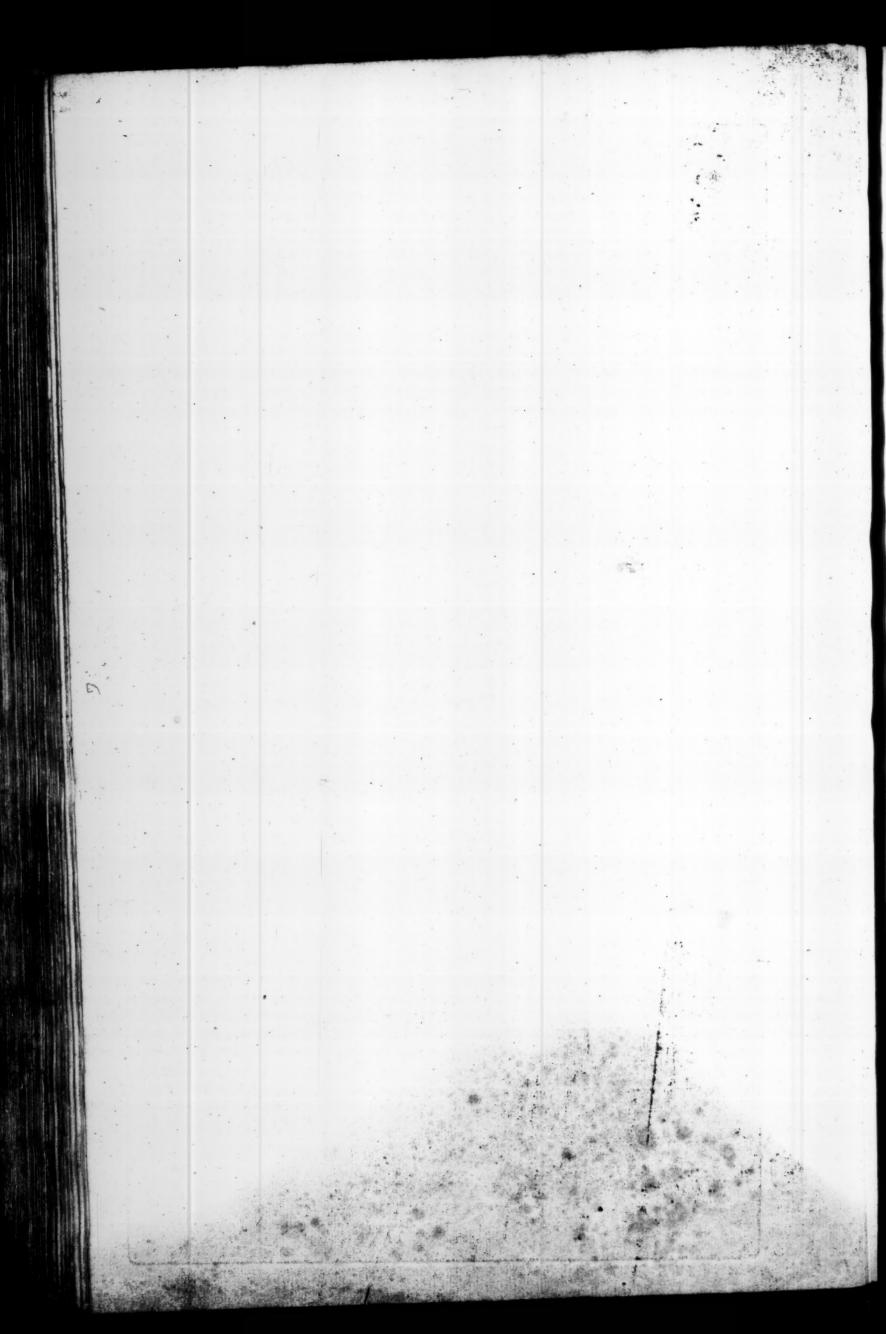
F,G the upper feate of the splene Athe neather, and F the lefte. I the registe, and AA shewe alone, which H,H is sene in the holowe region of the splene whereto

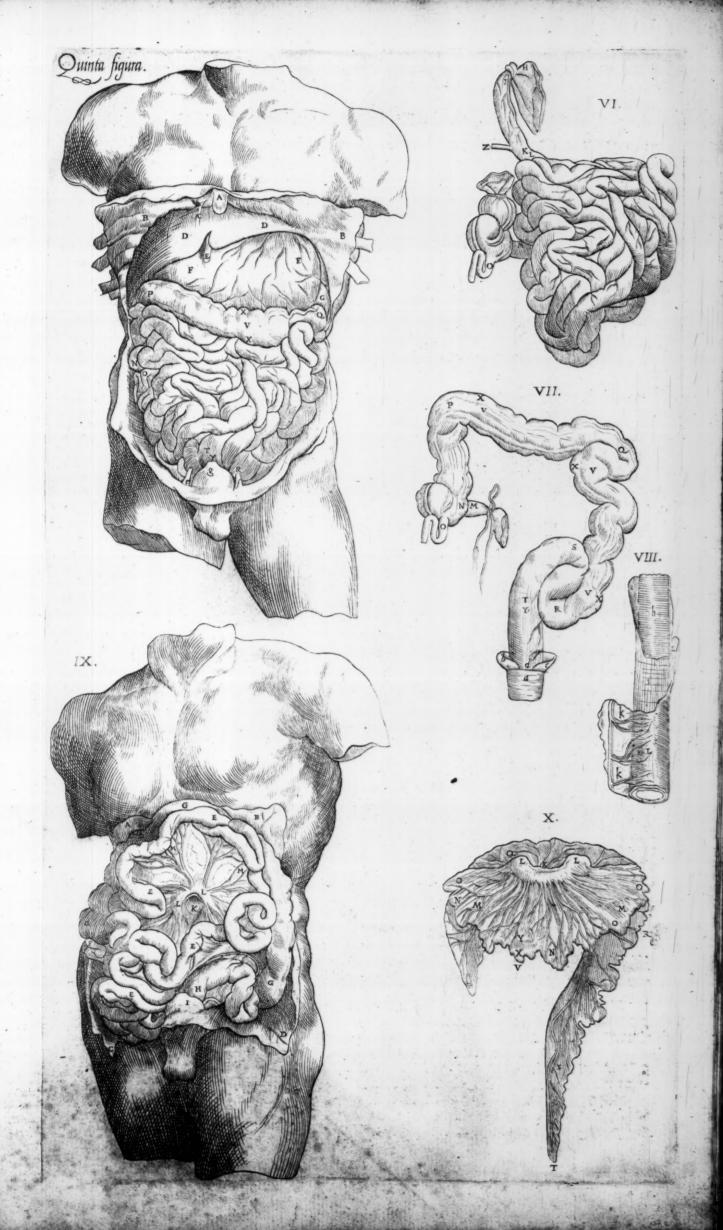
the bellels of the fplene are afficed. The third picture theweth the gibbolyte and twels

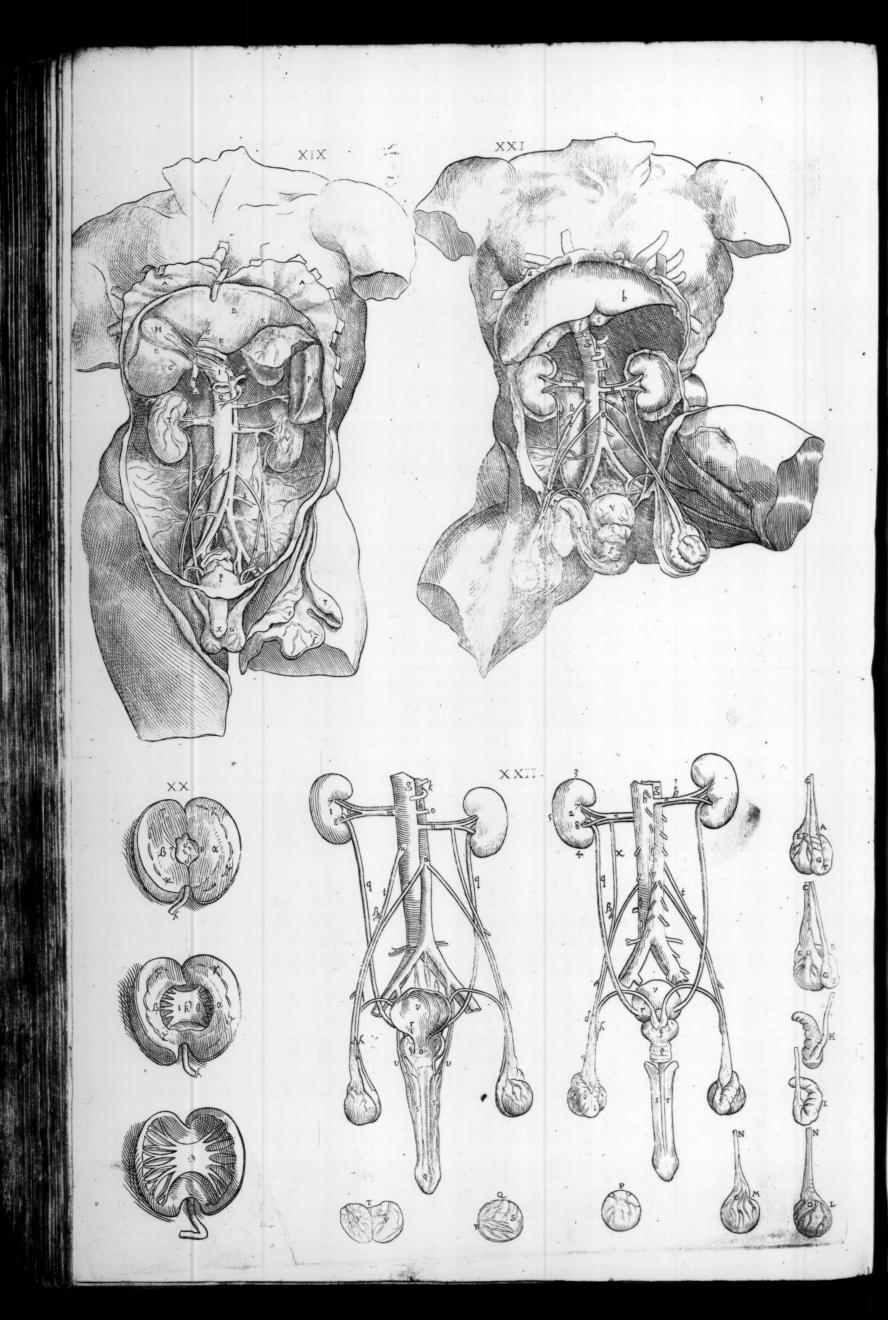
lynge parte of the splene.

The fourth contagneth the holow free of the splene there fet fouthe. Ind to thes I have added the sections of system, that the substaunce of the splene. with the Chape there I and K which the into pour the face I and K which the we into pour the laybe two fections.









## The tables of the organs of nourellyinge.

The nyntenth fyoure with the declaras tion of hyskaracters.



Dys presente fraure after the orber of cuttynge luccedeth the eles uenth, for from thys we have tas ken and cutte oute all the bowels, beinge onely lefte a poztion of the bentricle, whiche sheweth the seate

of the necke of the opper openynge of the benttis cle. And befyde that thes fraure doeth declare dys uerle other partes, as you that fynde here after in the openping of these karacters.

AA A postion of the mydspffe compaffed and tourned agapne bywarde with certapne of the rybbes.

The holowe lyde of the lyner.

Calingament of the lyuer by the which his lefte fode

ts faltened to the inporpffe.

A postion of the lyuer banne led forth by the nauel to the liver, where is the wed also the bought which first admitteth this bayne, whiche crepeth buto the feate og place of the lyuer, by a prinat hoole cutte in the lyuer for hym, where as you fee G, beynge fette a lytle from K, and where thes barne is first dige= fed rightly into the substaunce of the lyuer.

a In this feate the lyuer hath a bought, where it ges ueth place to & fromacke, going bp by the midziffe

to the higher necke of the ventricle.

F The opper mouth of the bentricle and a postion of

G.G Lynes or impressions and swellinges in the holow nes of the lyuer, where he putteth forth part of the bayneto be sene.

H The final bladder of coler.

I The body or stocke of Vena porta is here cut awaye. but I also sheweth two smal baynes ledde fouth to the bladder.

A synowe of the lyner sprunge forthe frome those whiche bewapte the hygher mouth of the bentry=

z, Anarterye beynge common bothe to the lyuer, and to the bladder of coler.

M A fynow takyng his beginning from the fpzinging forth of & fyrt payre of fynowes of & brayne, which is Aretched forth to the rootes of the rybbes on the righte lide, and this finowe here is also common to the lyuer and the bladder of coler.

The wave or opening of the bladder of coler pertayingnge to the bowels is here cutte of whiche per=

tapneth to the entraples.

o o The former and holowe region of the fplene . The lyne of the fplene to whom the bellels therof are implanted.

The holowe bayne. R The greate arterpe.

Rootes of arteryes runnynge fouth into the bens tricle, the lyuer, the fplene, the caule, into Mefenterium and at the laste into the bowels.

The righte kydnage bewaapt aboute with hys fat

The lefte byonage infolded and wapped by hom in his fatte coate.

a hapne ftretched and fpzeb abzode in the fat cote

of the lefte hydnaye,

A bayne commynge to the fatte cote of the traffbybnaye,

A bayne and an arterpe bypngpnge to the rpghte

kydnay bloud lyke buto whave.

A bayne and an arterpe put fouth to lefte hydnay and they are called comonly of mylckyng baynes in lykemaner as the baynes belonginge to the ryght

.. The wave that convereth the brine from the ryght

kydnay to the bladder,

The wave that carpeth the brine from the left kide nay into the bladder.

The fede bayne commynge to the lefte tefficle.

The lede bayne commynge of the ryghte testicle. & Circles communge from the fede bayne where as they are committed to Peritonium, and dispersed and Derpued into the lapo Peritonium in the gopinge forth towarde the testicles.

The arterye of scede goynge to the ryght testicle. The arterye of feede belonginge onelye to the left

tefficle.

The roote of an arterpe runnyng fouth to glower feate of Mesenterium, to the entraple Colon, the arle gut

and to the strapte out.

The alcendyinge by of the great arterye byon the holowe bapne. And also a diustion of the sayo great arterpe and of the holowe barne about the begyn= nynge of the holy bone, into two trunckes of flocs heg.

m,m The principall baynes and arterges of them which come with sundepe topntes frome the greate bels fels and are offered to the fleth of the loines and to

Braunches of the greate arterpe commpnge to the

hooles of the holye bone.

A parte of the strayte entraple, belivered from Colon and knytte betwene with a bande accordynge to the ble of cuttynge.

The bladder of receptacle of the bigne.

A portion of the beliels conneping the fede from the testicle to g parde, where it is wigthed ouer agayne downwarde by the bone about the priny membres to the begynnynge of the necke of the bladder.

The Skynne, whiche clothed the yarde.

The fkynne, which contepned the stones called com monlye Scortum

A parte of & fleashye pannicle, whiche compassed aboute the testicles in lyke maner as the skynne called Scortum

A cote descended there from Peritonium where he ges neth wave to the laybe bellels, and thys is the biter cote of the telticle of them which we numbre to be peculyer to eche of the testicles by him felfe.

A postion of the parde beinge bucouered.

The.xx fygure, whiche contament thre speciall feneralltables folowinge one the other, together after the order of cutting fhe wynge exactly the sytuation of the reynes, with the begynnynges of the wayes of ve rine. And here followeth the declaratyon of the karacters.

#### The tables of the organs of nourythyinge.

Ab the fruit of these tables hath a deap cutte brought by the gybbos or swelling parte, aloge the length of the kydner, so depethat it goeth into the feconde cautietherof, be= ping as yet no postion of the fub-

fraunce of the kybneytaken awaye, and a franity. eththe former parte of the ryght kyonep, where as slygnifyeththe hynder parte, 7 % 7 thewe the chyn= nes of openynges of the braumines of the fyille bought of the kydney or of his thymne covering bodye where those braunches come together . for the braunches are here necessarely decyded by fec= tion where they go on worthin the other together, A and A betokeneth the body of the fyall bought, oz the thorne covering body in whome the vague and the arterpe of the kyoney do ende.

Thys smale hole is the beginning of the wave of

bapne.

A part of the wave of bypne, and byon thys thyrme covering body, marked with A and A colpfeth the fecode bought of gkyoney, whose uner lyde whych is nexte to the thrine concerng bodye, apeareth in the fertion onely, for the partes therof whyche are brought outward to both the spoes of the inclosure made of the fubstance of the kyoney, and do make the bery boute as it were parted in twapne, excepte you loke bery narowly in the circuite and compasse rounde about wythan instrument called in latyne

specillum, broughte forth binder f and xpou can not percepue it. And the favde inclosure or hedge is in thes prefent fection fene bengded into two partes, the former and the hynder, for a noteth his for=

mer parte, and g hys hinder parte. with thes afore rehearled, faue onelye that almoste the whole substaunce of the kydnaye constitutinge the faybe hedge, is taken awaye rounde about with a knife, nepther coulde we anye other wple thewe thys hedge of inclosure buto you but afterthys maner. Here is fene therefore the whole feconde bought of the kyonape, but not parted in twayne, as in bedett is , bycaufe we have taken awaye the hedge which denived this bought on his outerlide. And therfore &, b, 7, and x note even the fame then: geshere as they byo in the fyaft table , but the curcle broughte betwene a and & theweth the fcconde bought of the hydnape.

. Sheweth the former parte of the feconde bought or of hys thynne conerringe bodge where this parte

is beuided into braunches.

i Sheweth the honder parte of the thinne couering bodye, forthat & and , together, note the thynne co= uerynge bodye or the firste bought of the kydnape and with x is fet fouth the begynninge of the wave of bapne.

The thirde small table sheweth all the braunches of the firste bought or thyune couerynge bodye for the substance of the kyonaye, whiche groweth to the hyghest braunches of his bought is cleane take awap and thele mape be fuffpcientipe fene without

opt of the setting

supe ferther bulpnes with Baracters.

M.CT.

The declaration of the karacters of the one and twentyeth fygure.

De one and twentieth fpgure luci cedeth in the order of cuttynge the nyntenth. for inthys arc fene certapne endes of tybbes broken and tourned outwarde and bowarde,

that the gybbons and swellinge seate of the liver myght so here be sene, as hys holowe lyde was fenc in the nyntenth. The kydnapes thewe them felues here to be fene beging belyuered from their fatte cote. Thys fygure also theweth the begynnunges and procedynges of the bapnes and arterpes of feede, and we have here fapned a braunche to be spronge forth prinative from the stocke of the holowe vayine, whiche is commytted and mixte together with the lefte seede vayine. furthermoze, here is cutte of Peritonium where asit geneth way to prede bellels, to the cote also defces dynge from Peritonium compatigng the tefticles and the feede beffels of his fide, and with the feede beffels are sene the testicles with their muscles. And moreover the bones above the priupe membres are lo dety ded a funder and fene here fo tourned ouer, that you may fee muche space betwene the, and that the bladder with the karnellye bodge belongrige onely to the necke of the bladder with the muscles therof and the bodyes of the preupe membres with their procedynges maye be fene alfo. And for what cause we have clearelye taken awaye the sayone from the ryght thygh, and somwhat also frome the lefte, I suppose no man do doubte.

A parte of Peritonium with a postion of the mydspffe, returned bywarde and outwarde with the broken

rybbes.

Lb The gybbolyte or swellinge of the lyuer.

The holowe feate of the lyuer.

The principall lygamente of the lyner confiftpice at the right lyde of the Charpe gryftell , here plucked awaye for a great part therof from the former feate of the lyner.

Alygament or bande commyttynge and topnynge part of the lyner (which is fretched forth to the left

spoe, )to the myodzyfe.

I a postion of Venaporta with an arterie also and the nowes going to the lyuer, and the wave which gos eth from the bladder of coler to the bowels, is bere anyt bp with a bande and afterwarde cut of. The stocke of the holowe bayne.

The truncke of flocke of the great artery fretched downewarde to the backbone.

The beginning of the vayne going into the fatte cote of the lefte kydnay.

The rootes of the arteries runninge forth into the bowels, and offering braunches to the bentricle, the lipiter, the bladder of coler, the Optene, and last of all into the caule.

The begginning of the bapne which goeth to the fatte infolder of the right kydnape.

# bayne and an arterpe communge to the ryghte

A bayne and allo an arterye byyngynge fouth cerd

The tables of the organs of noury flyinge.

tapne whapeth blombe to the left kydnape.

The facte infolder of the righte kydnage Delinered from the former feate of the kyonape.

14 The fatte infolder of the lefte kydnay plucked ale to of from the former feate of the fapo kponap and faftened yet to Peritonium, from whence he bypngeth

9.1 Bothe the lefte and the righte wave by the whiche the brine is carried from the represent other bladder

is heremarked with 4.

The feede barne comming to the right tefticle.

The beginninge of the feede bayne goinge to the right testicle, which hangeth fouth after the maner of a rounde knobbe.

The scede banne, siestched forthe to the lefte te-

fticle.

y a finall bapne descendinge frome the stocke of Vena saus called in englyfhe the holowe bayne, and is bni: ted to the left feede baprie, and alfo t'us final baprie is felbome fene, pet becaufe in other figures the left bapne is fette forth without thys, and that in thys place it boeth Chabolie or barcken nochynge, we have thoughte it befte here to expresse thes bapne

The begynninge of the arterpe of fcede.

Small braunches whiche the feede baynes bo put forth there to Peritonium, where as they beyinge knyt buto Peritonium do go downwardeto the benes aboue the preute membres.

The righte feebe baynes and also the arterpes, De= scendyinge and ascendyings by Peritonium about the regio of the bone about & priupe mebres, a the hip bone, carrynge forth with them the feede from the testicles to the bestels whiche we shall strayte wave marke with x, and x.

3 committon or goinge together of the leede baps nes with the arterie, and the begynnynge of the bos bye whiche I conferre and lyken to the Chape of the braded bodyes or baynes called Varices

The infertion of that forelapde bodye (lyke to the

bapnes Varices) into the tefticle.

The telticle couerco with his innermoite infol-.

The begynnynge of the bellel of cairpinge the feede

from the telticle. The feate, where the vellel caripnge the feede is tourned bywarde by the lower feate of the telticle, and beginneth to goe away fro the telucle growing

no more buto it . Perethe bestels of caring forth the seede, sheweth nowe no more ange kynde of convolution or fowldenge in and out, but is led forth agayne bewarde

roundelyke a synowe. The bladder being the receptacle of bipne.

A karnellye bodye growpnge to the begynnynge of the necke of the Bladder, and tecepupage the infertion of the vessels cartings forthe the Cede.

I cpiculer mustle compassinge aboute the necke of the bladder lyke a cpicle.

Two bodyes conflit utyrige the parde, whole lefte bodpe is delyuered from hys begynninge, whiche is brought feb & teft bone aboue & preuve mebres. butthe ryght bodye is pet fattened to hys begynt

nynge in the ryghte bone about the pretize menbres ferthermore, here is fene the togue and les benes of our letter s whiche the beakenes and les telnes of the parde boeth make with the blade Der.

o The procedynge and order of the baynes, arterpes and fynomes, goynge to the parde fo commodiouf= the expresse as we coulde in anye wife in suche fp=

gutes performe it.

The firste and biter peculier .infolder and wap= per of the telticle comminge fouth frome Peritonia where as we have weytten o, and where to place ted is noted that feate of his infolder, where thys 4 groweth to the lowell parte of the tellicle.

The telticle growinge to the muscles in the fores

lapoe infolder.

the feuenth muscle of mouinge the thighe offes rethit selfe here to be sene, where be is broughte

bownwarde byon the hyp bone.

\* A postion of the frage gutte, whiche we ble tolette in the body while the other entraples are taking a= wave, and bpon this postion of the strapte entrayle is allo perfectly line the diffribution of the holowe bayne and the greate arterie aboute the region og place of the holy bone.

> Here followeth the two and twentyeth fygure wyth the declaration of hys karacters.



the two and twentieth tygure whyuerall fygures or tables, as well as this before, whiche is the one & twentieth table in order, do make chiefely to the behologinge and bus

berftanding of the infirmentes of genetation in man. ferthermoze, in thes two and twetteth figure are principally etwo tables, wherof for good confiberations we shall call the one of them the ryghte table, and the other the lefte. And in bothe of them we have farned and ymagined the hydnayes, the bladder, with the instrumentes of feede, and the portions also of the holowe bayne, and of the artery cutte awaye frome the bodye, and these are sette forth and expresse to be on the righte spoe in the fore parte, and in the lefte in the hynder parte, and pet in the right we hatte specially opened the blad= Der with his necke, or the wave whiche is common bothe to the feede and bigne, where as in the lefte they yetremapne whole as we Chall more largelye thewe in the explication of the baractets, as foone as we have expected and opened the picture of for gures, which occupie the lefte fode, and the neather feate of this prefente two and twentieth figure. and are noted after this maner with great Latyne

A.B. In the fe two tables is fette for the the righte telti-cle on the former face or parte, but formishat moore in the lefte we, yet the opper more marked with. differreth from the neythermore marched with 2, in that, that it the with the lytuació of the bellel (whis the tarpeth forthe the feede) not troubeled but as to the tarpeth forthe the feede not troubeled but as to

#### The tables of the organs of nouryllyinge.

is naturally lituated and lette where as the lower marked with B bath a parte of the beffell which ca= riethe forth the feede (which parte is boine byward by the former parte of the testicle) nor growing any longer to the telticletomed after or thurst downe out of his place toward & left lyde & the infertion or goinge of the bapne a artery of leade to the telticle might be p better lene. But thele Chalbe made moze manifelte by the appolition of the Baractets, witch are common and boe ferue to both the figures mars ked with AGB.

C The bayne and arterpe of feede there tut of where as they nowe fallynge bowne from the ampletude and largenes are foulden and myngled one wythin the other of Peritonium and beginne to falhion the byaded bodye, whiche we call Varicofum of the rounde toppe of this bodye called Varicofum whiche is lyke=

ned to the force of a fteple.

The roote of foundation of this bodye called Varice, fim or the feate where the papie and artery of fede are grafte into the tefticle, and doe cafte abzoade their braunches into the umer infolder of the telti= cle, and into the fubitaunce also of the lapbe tra fticle.

The begrimping of the bellett of carringe forth the

feede fromthe tefticle.

The reflexion and turning over agayne of the bel fell which beareth fouth the feede, by the lower feate of the testicle.

A postion of the bestell whiche beareth furthe the feede rpfpnge bywarde, and the parte thereof where the fapte vestell cealeth to growe any lenger to the telticle.

Thys presente shape theweth a portion of the belfell of carrynge forthe the leede, whiche byd growe to the inner infolder of the tellicle, and here also are percepued the finall hooles and tharpnes, whiche be sene in the feate of hys bestell after the fection,

which also dod growe to that infolder.

1 And in the shape is & lapd position of the beffel of carping forthe the feede that was fette forth in the nerte table before, but thes theweth the leate and place of that postion that is gybbons or fwel-imge forthe, whiche groweth not to the infolocr of

L The telticle from who o bellel which carteth forthe the feede is cut away, but o layor telticle with hype innermost infolder and with the layo bradyo body called Varicofum Doeth pet remaprie.

M Thes noteth those same, as the fegure marched with L dyd, but as that noted the founer face of thetefticle, to doeth thes the hunder, a the two notes foldering are common to them both.

Natterpe of feede on the toppe of the bodye ".

o The roote of foundation of that bodge Paricofum,

the trace of tourouter of that bodge rates and the infertion of grafting thereof that of the libitatines of the related and the trace of the related and the badeo body received the house of the related at the badeo body received the layer compalled and constrained the badeo body received the layer corps rates fund to the layer corps rates rates fund to the layer corps rates r

implanted, for there appeareth hooles in thes place of the braunches of the braded bodge called Varicosum whiche traunches as I sayde before are implanted in the tellicle.

Inthys fraure we have cutte awaye with a ralour the inner cote of infolder of the tellicle, and from the substaunce of the testicle on the other spoe, we have deupded a taken froit a parte of his infolder

hored wa, whave bowed it over backwarde, g the procedyinges myghte theme them felues, whyche procedynges come from the braunches, whiche doe as it were weave in the lapbe infolder pertaphpinge to the lubstaunce of the testicle.

s But I have lefte the other parte of thes infolder marked with s growinge pet to the resticle.

Dere lyeth the testicle cutte a sunoze by the mpos ble, the wonge the nature of his beliels, whiche are diffused and specode aboute the substaunce of the tellicle, with the order and diffribution of the land beliels at Nav. And the haracters, which now follow after are peculyer a proper to f two greater and princepall freques of thes two and twentieth table.

By the note of numbre is thewed the former regis

of the kyonape

The binder region of the kydnaye. The bpper region of the kyonaye. The lower region of the kydnap.

The outer fpde of the kponap .

The inner fyde of the kydnage, in whome 6.7. and s. Mewe the holownes or bought of thes fede. But 6. Meweth properly the knobbe in the laid concaut tie, holownes oz boult.

7.8 7. and 8. Mewe the augules and impressions of hos

bourtt or concautte.

The stocke of the holowe banne there cut of where the lyuer bendying bownwarde came ouer byin .

A truncke of the greate arterpe cutte awaye there where it is traft carred buder the mydarffe into the amplitude and largenes of Peritonium Rootes of arteryes whiche are digetted into Mes

& feuterium, and into the lower pamicle of the caule. The begynning of a vapue going into the fat cote

of the right kyonay

The bapne and an artery that bypngeth Downe & whavelhe bloude into the ryght ky onap.

A barne and an arthery bryiging whapelhe bloud: to the left kyonap.

The begrinning of a bayne ryming forth into the fat cote of the left kydnap.

mayes carrenge downe the boyne from the repnes mto the amplytube and largenes of the bladder

The infercion made into the bladder, of the waves which doo beare fouth the brone into the bladder, a the neckes of openyinge places of those waves are thewed in the right figure where as these waves goe anto the bladder, and where allo as the thome couerping procelles are let to gotierne thole neches or opening place of the layd wayes. Ind in the lefts fraure the leate is thewed where thefe wayes are firft applanted to the bladber,

the right feede bapne.

A lette knob, or the begynnenge of the feabe barne fuellenge forth on the right five.

The tables of the organs of noury Grandes

the feed bayne going to the left tellicle.
The beginninges of the arteryes of feed comming from the stocke of the greate arterye.

The rootes of circles or small branches whiche the feede barnes doe calte forthe to Peritonium where as they are commytted to it by the region of the lopnes .

The topnynge together or comirion of the bayne and arterye of feede, and the begynnynge of the bradyo bodye called Corpus varicosum,

. Theinfertio and graftyng in of the bapne and an= terpe of feede to the testicle or the roote of the braopb boope,

The tellicle beyng pet couered with his innermolt infolder.

The beginninge of the bestell, whiche carteth the feebetothe telliele.

The communge downe of the bellell carrynge the feede alonge the hynder region of the testicle.

The place where the vessell of carrynge the seede is broughte bywarde agayne by the lower partes of the tellicle, neather groweth it anyelonger to the tellicle, as he byd from w by 9 to.

The feate of the beffel of cariginge forthe the feebe, where it first goeth bywarde in maner of a synowe without any revolution or rounde compasse.

In thys feate the bestell of carringe fouth the feede bomed over agapne to the hinder region of the bayne and arterye of feede, goeth into the largenes Of Peritonium.

The toynginge together of the right bellell of carps ing forth the fede, to the left: because of the begyn-

nyinge of the necke of the bladder.
The bladder whiche is in the ryght figure speciallye or onclye opened the wynge hys concaute or ho-

Aglandulous of karnellye bodye recepupage the infertion of the beliefs carping forth the feebe, and in the ryghte fygure it is cutte of with a longe fecal tion of Aptte butyll the largenes of the waye of

The largenes or holownes of the necke of the blad der in whome the bestels of caryinge forth gleede

attempte their infertion.

I muscle goinge aboute the necke of the blabber hanying the rule and gonernaunce of the expultion of bryne.

. Towo inftrumentes chiefelpe confiptutyinge the parde. Maynes and arterpes goynge to the parde and the

necke of the bladder.

2030

Pere is noted a feate of place common to the wape of & bipne and the feede, which is fene more larger in the refe of hys processe in the glandyli or beade of the parde.

The fyrste fyoure of the partes of woo To your sers of the fame, and grade ne and ซาซ้าว การเขายังไกรีเปอร์ เจะจัด สามุนเลา et dun สุด ป ค.ศ.ช

reaches the research much the lights from the felt.

Appopulations and the blooder.

fild in thus frist togure is less forth the trunke on florke of a momans house large on the grounde, whose desirables of the Abdumen, and turned of the Abdumen, and turned of the towards the inspect of cutting, a change of the population of the p

afterwarde we have cut awaye al the bowels of entrailes from Mesenterium, the strapte entraple beying pet lefte in the body, with alfo the whole Mesenteria, whole pamaicles we have here somewhat taken as waye and fet a portion from the other that the nature of Mesenterium myght come to spath, but thys present space is for this cause principally declared and let forth, that it myght fo thewe the politio of the matrix or wombe, and the bladder, as in thes woman it is lene, no parte of \$ layo matrix or wobe being moued. For here is as pet no parmitle plucke awaye from the matrix or wombe, but that al thyn= ges are bereyet wholy fene lybewyfe as in women fomewhat fatte they do apere to the cutter, the bo-wels beyng taken awaye. For momen are so fatte that when they be vered and kylled with long lycks nes, and become molte leanelt, then they theme no kynoc of procelle of bellels, onles the pannicles or thynne couerynges be feparated a fonder.

C,D, The inner face of parte of the former feate of

E,E A parte of Mefenterium knyttyng the thymne intraps les tothe backe.

Dere is noted another pannicle of Mefenterium, pluce heb from the other which we have marked with G.

or of the belief of Melenterium, and beher of the harnelles putte between the dyllrthuttons of the

H.H In thes part of Mefenterium & entraple Colon was cos mitteb & fetto , where it was nyell to ffraite gut,

I And in these parte of Mesenterium, de consesse and stande the begenneng of the intraple Colon, or has continuous with the theme entraples, and also the blynde gut.

K The Arapte gutte beynge there cutte of where Colon byb ende whiche feate of place is ryghte agaynfte the place of the knittinge together of the boly bone

with the lowell triving topite of the lopnes.

L. The famer leate of the borroine of the Watrix, frome whence is notoping percepted pluckte as

The right flone or tefficte in a woman.

The lefte flone of a woman, and the former part of thes is here entirly fene, although there be of the right but a finall postion percepted and it is for this cause that we have in suche maner set forthe the ryght ftone, for bothe the telticles are couered with a pannicle, whiche pannicle bypngeth downe the seeds bestels of a woman, which doe springe fro series in hour bare parameted lette testicle of that pannicle mith the hands outlied without as not knyfe, leaurnge the right as you see. For thy spannicle does not growe to the sounce seate of the testicle in any part theref, but spetithere onely e.

o a painicle springinge and groupinge forth frome Duit.

#### The tables of the organs of nouryllynge,

the ryghte leate of Peritonium, and commyttinge the roghte tefficle with the feede beffels on thes fode, and those bestels, whiche infolde the hygher feate of the Marcir to the backe, conseyning together the Marcir of wombe, and afterward with the pair dick of the other lyde constituting the seconds cote of the Matrix.

The wave in the forelande pannicle runne forthe fleashpe fibres or thome strong constituting the

tyghte muscle of the Matrix or wombe.

with these karacters the pannicle of the lefte lyde is noted, whyche is correspondent and lyke to that pannicle, whyche the foresayve oo dro pointe to

R. s . The former parte of the necke of the Matrix , co= Hered as pet, between Rands with that cote whiche the partes of Peritonium effer butott, whiche biging forth beffels buto it, and from it, and doo knitte it to Peritonium, but the space being betwene Rand s Do= eth thewe the largenes of the necke of the Matrix. And the wynchles, whiche are lene here are they whiche the necke of the Matrix fallynge into it telfe not stretched forth agains ourth shewe mithe

T. The bladder whole hynder parte is here chiefelye fene for we have to cafte oure eve in the declaras tion and lettyinge forth of thes fegure as thoughe be woulde puncppallye beholde in the bodye being profirate and layed alonge the hyuder feate of the blaod r, whiche loketh towarde the Matrix.

for pf pe will suppose and pinagine thes bos bre of a woman to be fet boughte as that whyche nerte folometh, pe shoulde thence otherwise then the thenge is that the bottome of the Matric is let .. forth muche bygher then the bladder.

This is a portion of the nauel, delpuered in gent-tynge from Peritonium, and tourned over together with the bellels ferupage properly to the chyloe.

x. A portion of a varne gopnge from the nauel to the

The wave goinge frome the hyghest seate or place of the bladder pertayninge bitto the naupll, and bipngpinge frome thence the bipne of the chylne, betweene his feconde and ginnermolt in =

Shew two artetpes crepping forth hother from the nauel, bp p fives of the blavoer, a graft mor tour p= nued in thes place; to the braunches of the greate acterve going proncipalize to the booles of the bos nes about the preup membres.

> The declaration of the seconde fygure nof the membres of women, and of the karactersofthe fame.

Chaue here taken awaye the Ikon fro the right teate of thes prefer its gure, that the nature of the teates night as upghe as mape be, be fet before the epes, and afterwarde the hand entre always the hand entre always the hencicle pitty the bolocis and afforeign and the plene

leaupnae the frante entraple inthys place bnmes bled with as well as we dod in the frqure before, And moreover, we have as it were taken awaye from the bettermofte cote whiche Peritonium gatte bit to it, tuttynge awaye also at the pannicles, that the beffels carpinge furth the substance and matter of feede to the flones, and also the bestels caryinge awaye the feede from thence to the matrix (boulde apeare and be sene. Also we have tourned over the bladder downewarde on the lefte syde, lykewyse brekynge the waye or conducte, whiche beareth forth the brone to it from the right hoonage, that the infertion of the wayes of bearinge forth the bigneto the bladder ingghte apeare, and that the bladder Moulde not let the inspection or fyghte of the Matrix or wombe, Lafte of al we have cutte a= way from thes fegure a postion of the bones about the preupe membres that the neckes of the ADa= tricand of the bladder inghte the more commodis oullpe be fene.

Claynes runnyinge furth oftentymes to the teates, from those waves whiche are offered to the Skinne,

which is brought over the height of the Moulder. Uapnes springinge frome those bapnes, whiche are led forth by the arme hoole to the hande.

The payncipall body of the teate.

D.D Karnelles and fatnes sprede abrode everye where

on the karnelly body marked with C.

E,F, G,# The hinderoutipde or infpde of & former feate of Peritonium outward. forthe formerregia of Peritos nium is here bowed bywarde and downewarde to

forth downswarde buder the brefte bone from the

L The gybolyte of wellynge leate of the lyuer.

M. The holowe parte of the lyner is here allo lomes what sene.

N. A small poution or pece of the bapne goinge from the nauell to the louer.

The stocke of Vena porta is here cut awaye with the beffels brought buto it.

P: The holowe bapne.

The greate arterye.

R The rootes of the arterpes goinge to the bentels i cle, the lpuer, the fplene, the caule, and to the both

Sin he begynnping of a bayne infoldinge the fat cote of the lefte kyonaye.

Tho bayne and arterpe, whiche bringeth the whaps iche humour to the right kyonage.

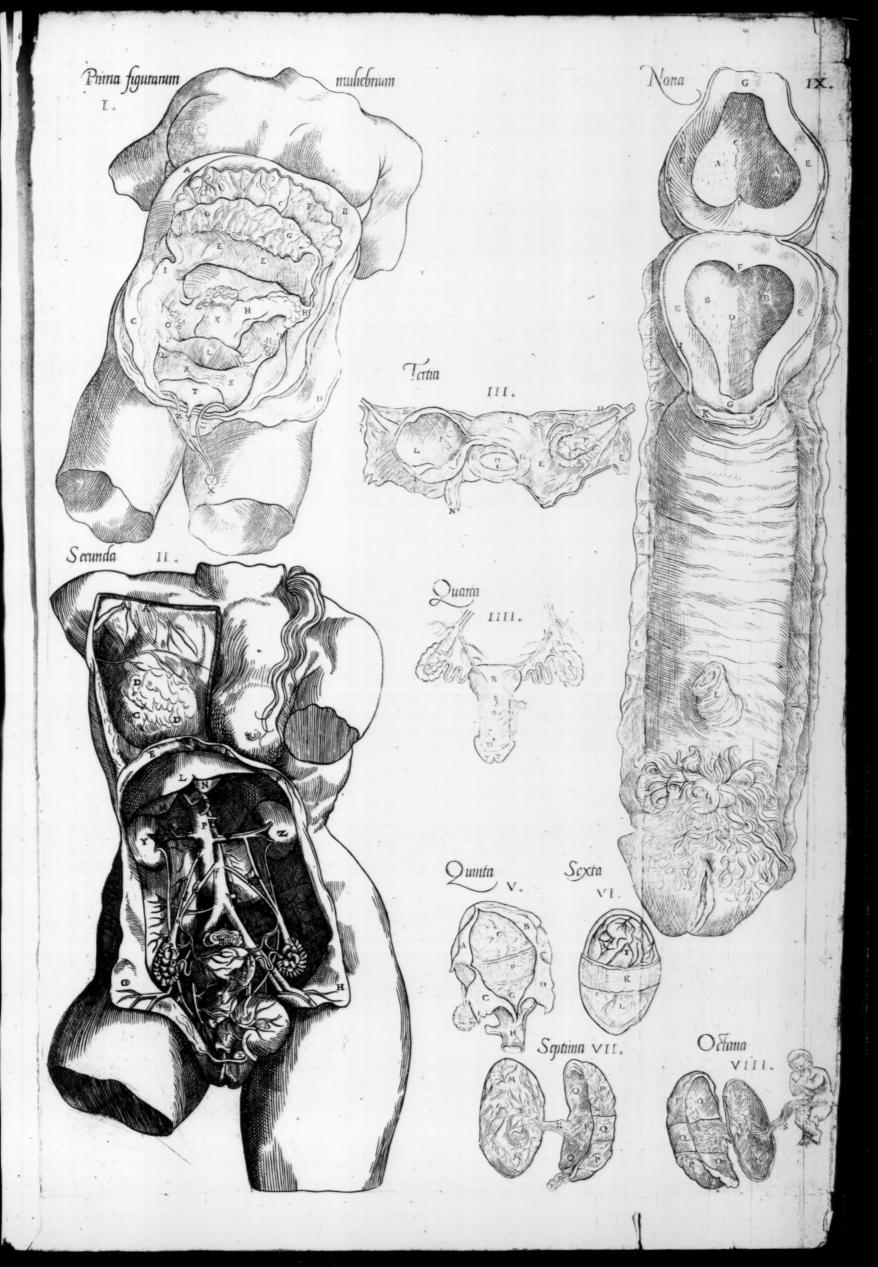
The varne and artesperwhich bringeth p whapily

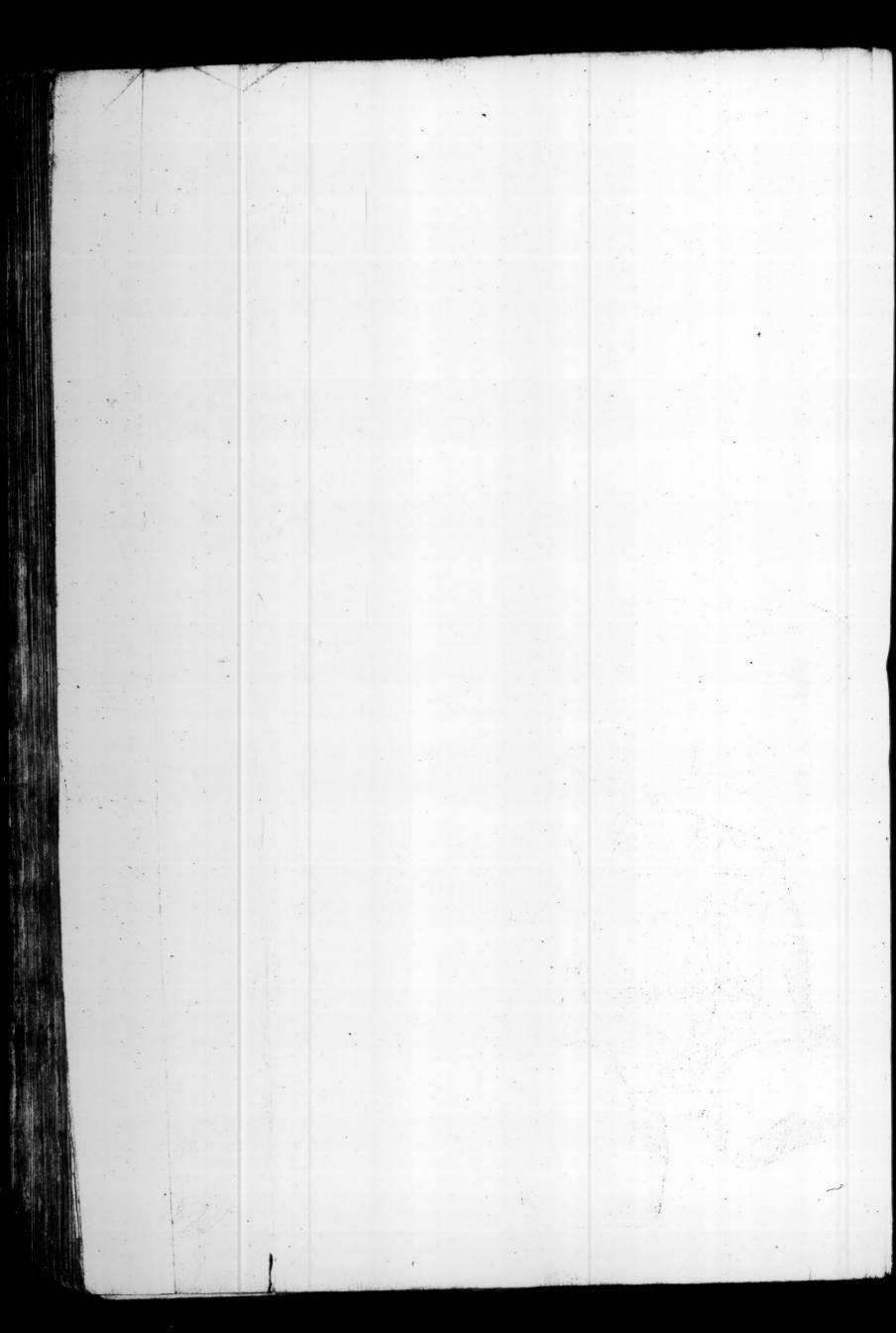
Dumour to the left by dnaye. of the right kyonape.

Y The former leate of the rpght kponape.

Z The former feate of the lefte byonare. The wave that horngeth the bipne from the righte kyonaye into the bladder, but at the mathermore ats broken awaye, but the portion that is lefte of thes way and is contenued to thebladber marched

I The way that carpeth forth the brine from the left kyonape into the bladder.





The bables of the organs of nour lipnge.

e.e The wave that carpeth forthe the bine from the left kponage into the bladder.

4.4 The right leede vayne whole begynning & hygher 4 doeth shewe.

The feede bayne goynge to the left tefficle. The fpapinginge forth of the arterpes of feede.

The ryght feede arterpe. The lefte feede arterpe.

The former parte of the bottome of the Matrix, and i theweth the ryght blunte angle or corner of the lapde bottome where k theweth the lefte, but 1 theweth the region or place of the Matrix, where the mouth of hys bottome considerly, and where hys necke begynneth.

m, This is the ftrayte gut. And & I may the leffe bur= den bothethe lodes of thes fraue with mange let= ters, Twyll at thys prefente affire the karacters

but on the one fyde onelpe.

A postion of the bayne and arterye of feede, whis the doe goe to the upper seate of the bottome of the

. Portions of the barne and arterye of feede goinge to the testicle, and there to ynynge and goyng toges

ther and constituting.

A bodye lyke the fpire of a fteple, and thys letter? booth pointe bs to the roote or foundation of this bodye, where as the lapde roote or foundation is committed and topned to the tellicle.

from that laybe bodge luche vellels runne forthe imo the thinicles committyinge and toping the te-

ficle to Peritonium

The former face or parte of the telticle. The begynnyng of the bellell, whych beareth forth

the leve from the tellicle into the Matrix.

the bolivinge and tourninges over agains of the bellet whiche beareth forth the feede, whiche tours ninges the lapte beffel maketh counde aboute the Poes of the tellicle.

The goinge forthe of the bestell whiche carpeth

forth the feede to the matrix.

The necke of the matrix. Wellels foldynge in the lower feate of the bottome of the Watrix of wombe, and the necke also of the

#bapne comming from those beffels to the blads Dec, whiche bellels doe folde and wynde in puecke of the Matrix, and this karacter also noteth the infertion of the wayes of the brine.

The hynder seate of the bottome of the blad= Der.

The muscle of the necke of the bladder. In thys leate the necke of the bladder is implan-

ted into the necke of the Matrix.

Small lkynnye portions of fleathe of the necke of the mouthe or openings of the wombe or Matrix, and the land hillocks of the Matrix with & mouth or apendinge of the necke therof nede bere no fpe= ciall Declaration with Baracters.

of he roote of the arterpe going into the lowest part of Melentrium.

Tiestels which do ascede a ryle beward to the minister of the Abbomen from the baynes and arteries mbiche Dae goe into the legge,

The declaration of the karacters of the thyrde fygure of women.



hys presente fegure theweth the Datrix or wombe with the thenne coverynges, whiche doe bynde it to Peritonium, cutte forthe from the boo folded together and turned ouer &

the mouth or opening of Booto of & Marrix both here manufelly ethewe it felie. And we have loke= wyle so opened the bottome and the necke of the bladder, that the holownes of the same with the infertion of the wayes of vigne are here manyfestige

A The founce face of the bottome of the Matrix, beingenot yet bucouered of anye pannicle.

B,B The necke of the Matrix.

Cal parte of the bottome of the Matrix, swellpage forth into the upper feate of the necke of the Ma= trix in maner of a karnell.

D. The mouth of the bottome of the Matrix.

E.E. A panntcle knyttynge the Matrixto Peritonium, and conteynynge his bellels.

The left testicle of the Matrix. G. The bayne and arterpe of feede.

H, Portion of the feede bayne and arterpe commynge to the upper feate of the bottome of the matrix.

A postion of the feede barne and arterpe comminge to the testicle.

The bellel carpinge the feede from the testicle into the matrix.

The holownes of the bladder.

Theinfertion of the wayes of the bayne.

N Dere hangeth forth a lytle pece of the wayes of the

The declaration of the karacters of the fourth table of women.



Mall braunches runnynge furthe into the pannicle where they are commetted and toyned to Peritos

a portion of the bayne and artes

to the upper feate of the bottom of the matrix. The committon and goinge together of the leebe bayne and arterye that is lyke the fpire of a fteple, which we lyken to the braded baynes called Varices. a The left testicle.

HA The bellel carping fouth the leebe from the tefficle

into the matrix.

. The blunte angle or corner of the bottome of the matrix in whome the bellel that bipingeth forth the feede attempteth bis infertion.

In the leafe the bottome of the matrix is ended into the necke thereof, and in thes tection of place is the begynnynge of the mouthe of openings place theraf. The matric or wombe.

Here the necke of the bladder is broughte forthe

### The tables of the organs of nouryllyuge.

into the necke of the matrix, and there enbeth. Those are bellels infolopinge the neather leate of the bottome of the matrix and allo hys necke.

7.7 The fwelling brimmes at the mouthe of the necke of the matrix.

w. The waves that bypnge the bypne from the raynes in the bladder.

> The declaration of the karacters of the fyfte, the syxte, the seventh and eyghte

Chaue declyded thys fyfte table of the wombe of matrix contagninge a male childe on the former lybe, with a longe section of cutte, and another whyche are overthwarte differ remonginge and takinge as

wave into the fodes, partes of the cotes of the bot-tome of the matrix, yea, even from the bitermofte infolder of the chylde.

Co. The inner lyde of the layde infolder of the mas trie, whiche before the fection was brought aboute and couered with the infolders of the childe.

E,E The bitter fyde of the matrix, and the hygher E no= teth the toppe or the righte angle or corner of the matrix brought forth bowarde a toward the ryght Spoe more then towarde the left, because it is a man childe which is in the wombe.

The fylle or the bettermoofte infolder of the chylde.

G.G The feconde infolder of the chylde is here also a

great parte lene, H 3 parte of the necke of the matrix, to whome in the other lybe, we have left growing to it a bayue and an arterpe, whiche is principallye distributed into the lower feate of the bottome of the matrix.

1 Dere is also pet lefte the roghte testicle, that the sp tuation of it might be fene & percepued in women beynge with chylde.

> The syxte table she weth the infolders of the chylde taken whole awaye from the Matrix and not broken.

the bittermooste infolder of the childe, which for so much as it is transpersuant in maner of a panels to see tiaunt in maner of a panicle, ir fuffe reth the childe bewrapt within this

thypoeinfolder, in it somewhat to be sene. In the levery table we have devided the bitter and the leconde infolder of the chylde, with a longe letthe leconde infolder of the copide, with a longe lettion of cutte, and we have here expressed and the
wed forthe bothe the factor infolders taken awaye
from the throe infolder, and the throe infolder allo yet infole.

W.M. The throe of the minoste infolder of the chylde
whiche because it is so themse that one mare easily the forms of the chylde infolders.

formwhat theweth hym felfe to the eves?

N The procedynge or order of baynes and arteryes goinge to the nauell from in the fysite infolder of the chylde.

OP. The leconde infolder of the childe. And 00 thewe hys intyde, where PP theweth hys

btter fpbe. 2 R The frifte infolder of the chylde where & noteth the outlybe, and R the inlybe, but the procedynge and order of the bellels by the lecode and the thirde infolder are perfectlye knowen without anye helpe of karacters.

Ad the eyghte Table expresseth the chylde delyuered frome all hys coates, and so it theweth him lyinge by the wonderfull pro-uydence of nature, not as the com-mon opinion of the bulgare sort of

witers affirmeth, but as you may here fee in thefe fygures, and so doeth it lye in the mybbes of the wombe, for it is most untrue that the cholde doeth ipe in the wombe rounde lyke as it were bowed, fo that the knees shoulde touche to the face, but as he is lette here in the eyghte fygure.

And obserupnge thes true lituation of hym, you shall fonde commonly enone other situation of the

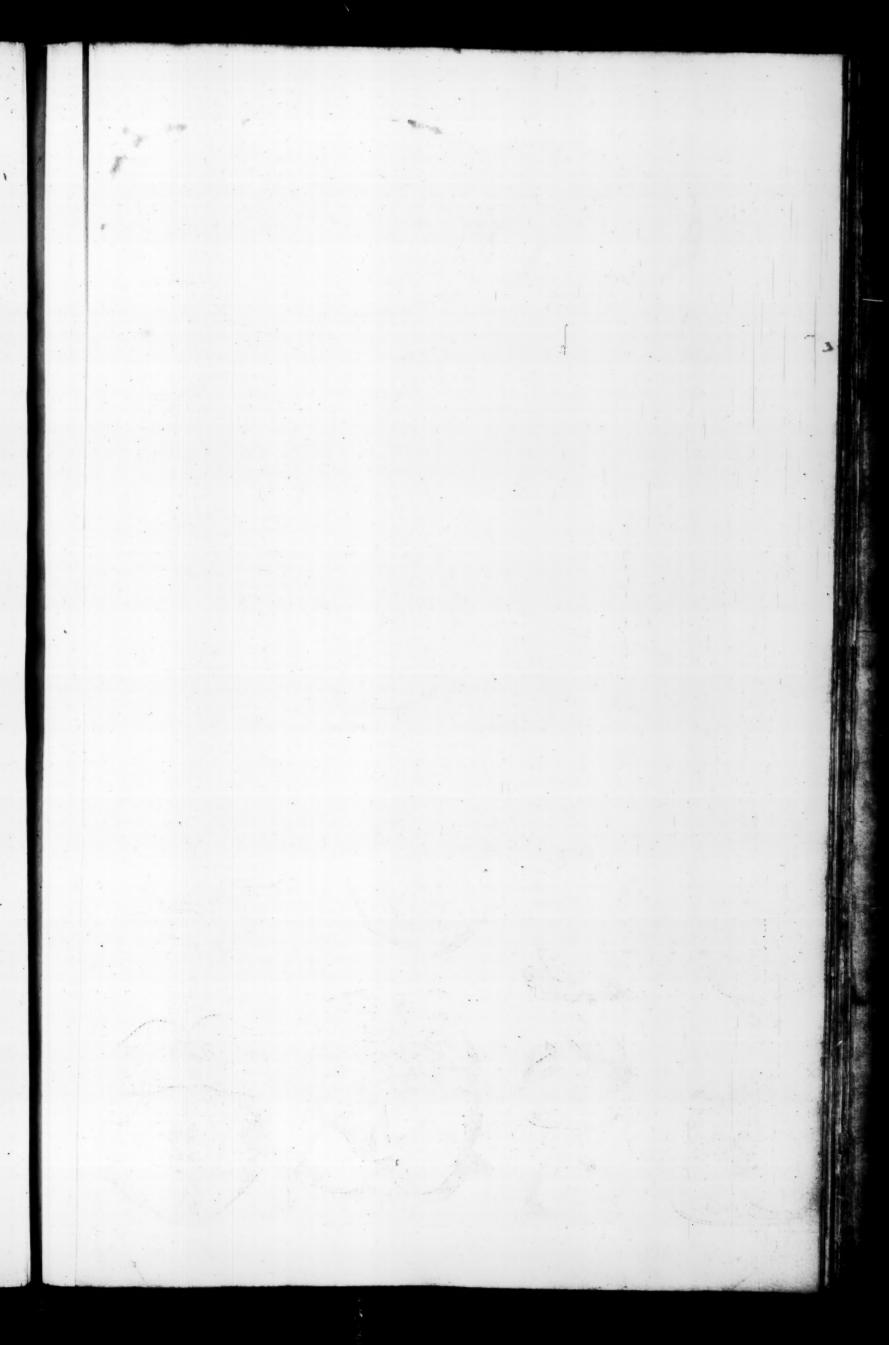
chyldenoz topnynge of ange topnte of hym therin then is here expressed. 28ut in thes fegure MM, N. O. P. O. P. Que Rose note the same as in the secreth table, save that Mo M

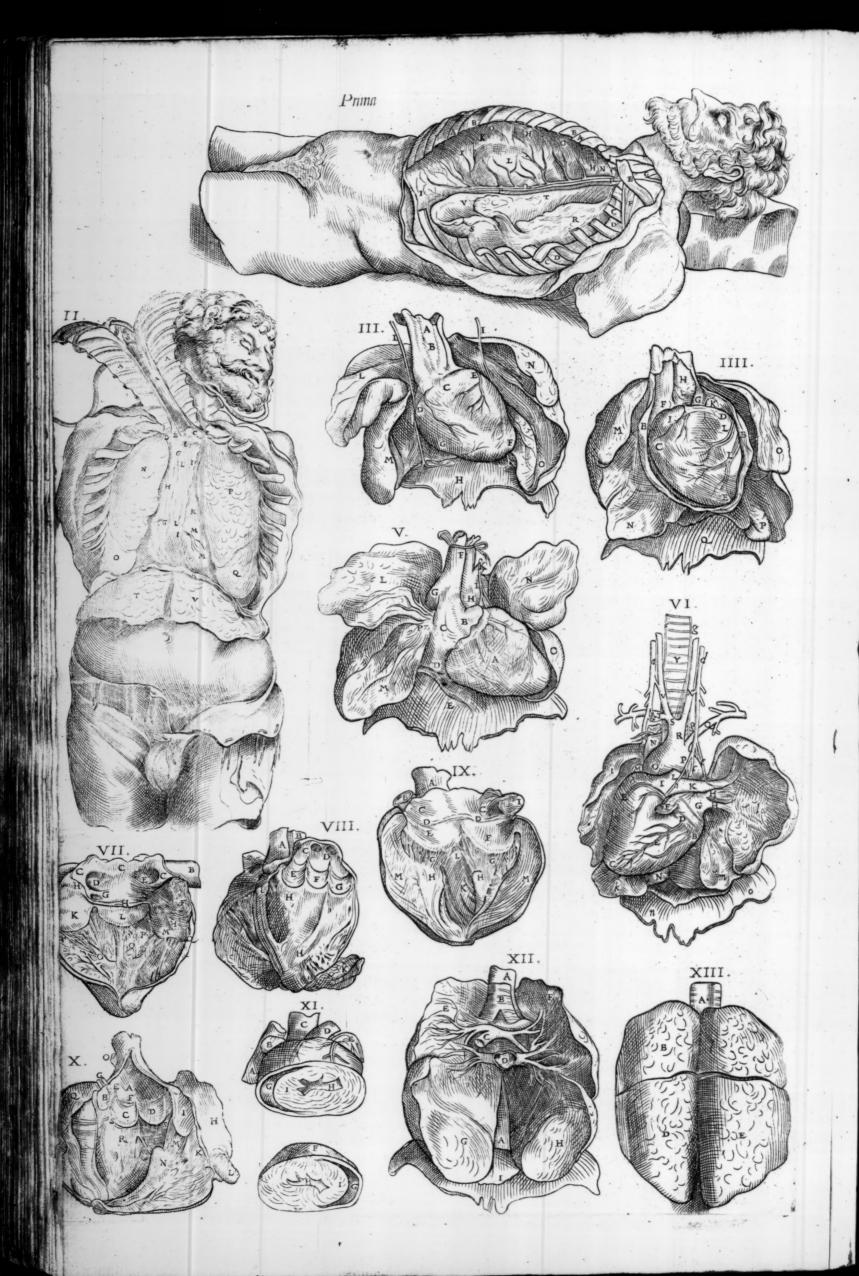
doe syewe the inlyde, or inner parte of the thyrde infolder. But & the weth here privative the goppine forth of the vellels of the nauch, whiche is between the natiell and the topingings rogether of the befs tels with the thyroe infolder, whych is also brought furthe with a greate space betwene the the wrnge in the meane whyle certapne (as it were) knottes or fwellynges accordynge to the numbre of the which knottes moze oz leffe medicines folyfhlye boe prophecie eyther many or few chyloren to the woman, whiche of the learned men is taken but for a berge fantalye, and worthpe of reprehention . And moreover, when the chyloe commeth forthe(as it chaunceth sometymes) haupinge that aboute hys necke they save that wis that same childes deltime to be hanged, with manye other foly the concept tes rather to be laughed at then to be beleued.

> The declaration of the karacters of the nynth figure of women.

And the nenth frequer theweth the of that bygues as u was fine take furth of a woman at the laste Anatomy which I doo se at the bringer furte of Padua in Italye a more ouer we have so deutded a cut a sonder the borome

of the matrix by the myddle, that the concautte and bolome boughte within the same myghte be percepued, and the thycke substance also of bothe the coates of the Matrix in women when they be not





## The tables of the organs of the hearte.

with chyloe.

AA BB. The concautte and bolowe both of the bottome

of the matrix.

C.D Alpne fomwhat after the maner of a feame called in Latyne Scortum, whiche Doeth belonge to the place wherin the telticle Doe lee, whiche (welleth fomwhat forthe into the boughte of the bottome of the Mas

B,E, The thyckenes of the inner & proper cote of the bots

tome of the Matrix.

F.F aportion of the innermoze bottome of the Matrix Inclipage forth Downe warde from the higher feate of the Matrix into the holownelle and boughte e,c of the bottome.

The begyining of the necke of the opening place

of the bottome of the matrix.

The feconde or bttermoze infolder of the bottome of the matrix descended from Peritonium

Dere we have referred a postion on bothe the fpdes of the thyime coveringes, descended from Peritonium and contagninge the matrix.

& Bere is also fene the substance of the necke of the matrix, because the cuttyng wherewith we beupbed the bottome of the matrix was begonne at thes

place.

z a part of the necke of & bladber , inplated into the necke of the matrix, callying forth into it the bryne. The fwelling partes of the Abdomen and whatfo= euer is els to be confided therof, they maye be fuf= ficpentige knowen wythoute Derection of karac-

After thesethere followeth the description of the Hearte, wyth hys instrumentes feruynge vnto hym wyth hys figures and with the declaration of hys

karacters. The declaration of the karacters of the

fyrst fioure.

Dys presente fygure theweth fo greate a parte of a man (lyenge on greate a parte of a man (lyenge on hys backe) from hys lefte lyde, as we thyncke to be sufficiente to expelle the seate of the breste, and we have taken amove the skynne after presse the seate of the breste, and we have taken awaye the skynne after

the maner of cuttynge from the former feate of the beeft and the lydes, and then from a part of the res gion of the necke. Ind mozeouer, the mufcles alfo whiche boe couer the rybbes beinge cutte awaye, we have delywered the bones of the rybbes with the brefte bone from the gryftels. Ind the bones of the rybbes being broken, like as we ble in cutting, we have drawen bewarde the grystels of the ryd-bes towarde the tyghte syde, that the ampletude and largenes of the breat, with the pannicles which Doe compasse aboute the laybe largeues, and the Tounges with the refte there contamed, mpght appeare to the eyes, which that all be opened & Declas red by the baracters nowe folowinge.

A. A Dere are thewed the gryftels of the rybbes on the befre fode with the brefte bone, whiche are brawen, bewarde rowarde the right fode.

cuppe and tyll the spaces between the grystels.

CC The bones of the rybbes beynge feparated frome the griftels.

The muscles, whiche are betwene the rpbbes fpls lynge the spaces betweenthe bones.

The canell boue is fene here bare, as pet referued

The order and procedynge of the baynes, artes ries, and lynowes, creapinge fouthe into the arme hoole.

G . The biter throte barne, apeareth here to the rute ters as foone as the faynne is taken away.

The lefte paunicle, whiche boeth de upde betwene the amplitude of the brefte, the lefte outly de therof beynge here fene, whyche L, M, N, and o boe as

The mpopuffe fene here on that lybe, where it beholbeth and loketh to the lefte fpde of the bolownes of

the brefte.

K The feate where pleft of the pannycles, whych boe beupde the brefte groweth to the mporte.

L Thys knobbye feate hangeth fo greatlye forthe to= warde the left fode bycaule of the heart, for that bee png copreheded, with bys infolder, among thepans nicles deviding & breft is ftretched forth into pleft Tyde muche moze then into the ryght . And for thes occasion and cause principalitye of thes knobbe we have expresse thys present from eather out of the lefte lide then the ryghtad

M a bayne reached forthe to the left fyde of the breffe bone, and offerenge biners braunches to thelefte

pannide deupdinge the brefte.

M an arterye ledde forth to the lefte fyde of the brefte bone, offeryngehis braunches lykewife as & bayes marked with M to the lefte pannicle beugdinge the breffe.

o o Braunches brought forth from the barne and arby the lefte fpoe of the backe bone to the region of the Abdomen.

gopnge forth therof to the outlyde of the pamiele which you fee, which doeth compaffe and as it were

hedge in the brefte.

2 a bayne in men runninge forth downwarde chiefes lye frome the region of the throte wyth a fpnowe of the midziffe a deriuing bys smal braunches to the pannicle hebginge betwene the brefte.

S,V,R,T A parte of the lounges occupipnge the lefte conca-

titte or holownes of the brette.

and R and Snote the feate of thes parte whyche is negte to the rybbes on the pannicle compaffinge them aboute, or that & is lene fwellinge fouth, But T and V appoynte the feate of thes parts, whiche before it should fall downe, was comptted a topned to the beter fpde of the pannicle which beuideth behigher fibre of the part of the paulme, where sand Thewethelower.

The seconde fygure with the declaratio



#### The tables of the organs of the bearte.

prieconde figure, whiche me have feined to be fet byzight and not is pageflatte on the grounde, boeth folowe in the order of cuttynge nexte after the fyrite. For the for mer fode of the breft and the fodes

bepage made bare of the skynne and the muscles, whiche grewe buto them, and the griftels of the rib= bes taken from the bones of the rybbes, and the Capbe bones beinge broken outwarde, we have at the lafte delyuered the brefte bone and the gryftels whych grewe faste together buto it from both the pannicles which bo hede the breft betwene lyftping it bywarde that we myghte beholde the inner lyde therof, and that the nature of the pannicles whych Do deupde the brefte betwene, myght be in thys fy. gure moze biligently exprett then it was in the fyit fygure'.

A.A The incree of the brefte bones with the griftels of the rybbes committed buto it, or the inlyde behol-bying the concautite or holome parte of the brefte.

Dere are noted two baynes goynge from the tegion of the throte to the brefte bone, and rumpinge fourt to the hygher feace of the Abbomen caltynge forth as they procede and goe forthe manye fmall braunches believ biners other braunches.

D. B wo arteries accompanipage the forelapde bays nes buto the region of the nauell going in no place

to the farnne as the bapnes bo.

Bacnels fette on the throte or forepart of the necke buder the highest scate of the best bone, there play ced of Pature to the lafelye diffrybution of the

Sparte of the rughte pannicle of them whiche bethe brefte bone.

The right parte of the lapbe painticle of beutoing

the breffe or hys syde beholdinge the lounges.

7.1 A parte of the lefte pannicles deutopinge the holowe parte of the breffe, which before the section growe to the lefte syde of the breffe bone.

K The lefte of the forelayde pannicles or hys outlide beholdinge the lounges.

Dere is thewed the space betwene the two panicles beutoping the brefte, there lene, where the layo pannicles are comopned to the breft bone of a man.

M.M. Thes region fivelleng forth, fheweth the lituacion of the hearte for the hearte worth hys infolder is let and placed bumoued betwene the two pannicles L MNO

whych do hedge the brefte.

N,0 F,Q. The groots of welling parte of the lounges ts here thewed, or the feat or place which is nexte to warde the fives, the partes of the longes from anye where but N and o, the we two fibres of the ryghte lpde of the longes where N Cheweth the higher and the lower and in tyke imple doe P and Q theme on the lette fpbe. N.

R.A The feate of the mydapffe, whiche we have delyues red from the Charpe groftel of the brefte bone, mars bed here worth and afterwarde frome the Charpenes of the gryftels, why che are not topico to the

breft bone.

The farme beroge turned ouer bolumbarde from

the former feate of the brefte is fene at that libe where it was brought aboute with muscles.

> The thyrde fygure wyth the declaras tion of hys karacters.



Dr lo muche as the two fraures before doe thewe aboundauntlye the lituation of the lounges and the heart, we have here lette forth this present spyure with all the other followinge, as it were plucked out of the holownes of the brest, lest yf we should have

fette forth and drawen to every fygure the truncke or stocke of the bodge we shoulde have busged our felues to muche and in bayne. Ind thys thyade fys gure therefore conteyneth the hearte clothed with his infolder, with the lounges and a postion of the mpdapffe, wherto in men the infolder of the hearte in the great largenes boeth growe.

Here we have cutte of a postion of the holome bapne clympinge bywarde, and the greate arterpe referupage lo greate a postion of the bellels of the hearte, as is broughte aboute the infolder of the heart, or rather from whom the fato infolder taketh

hps begyimpnge.

And where we have written & the infolder groweth fafte to the holowe bayne and the great artery and the arternall bapne, goinge awaye frome those bel-fels mall the space betwene B and ceuenlyheas he goeth from the hearte.

for c theweth the leate of the region of the roote

of the hearte.

D.E.F. The former feate of the infolber of the hearte, et preliping the hearte lpkethe thape of a prie apple. D and E note the roote of the hearte, and F noteth

the harpe popute thereof.

from F bato G is noted the feate where the ins folder of the hearte groweth to the impospffe muche otherwyle in man, then it doeth in dogges . But the small vapues sene here in the infolder of the Dearte, be not of the Bearte but of hes infolder, and the layde infolder is fene in men fo thycke and fo fronge, that the colour of the heart oan fcacelp be fene through it.

H, Barte of the mydryffe. The fynowes of the mydryffe.

The lounges otherwise called the lyghtes, weucry caracter allo by hym felfe fygutpeth a thin fayane a lappe of the lounges.

> The fourth figure wyth the declaration of hys karacters.



Ab & fourth figure theweth the infolder of the heart beupded, and we have bucovered the hearte, and his bellels on the former fipte from his infolder, the hearte remapning fipt binmoued.

The leate where the infolder of the hearte is continued topth has bellels on the roote of the hearte. The infolder of the heart bouned backmarbe frome

# The tables of the organis of the meartel

the former feate of the Dearte towarde the for bes .

C.D. B. The former feate of the hearte, and cand o thewe his roote, where & theweth his popute.

The holowe bayne. G The arternall bayne.

H The greate arterye. But the beynall' arterye onles the hearte be bowed and brought towarde & reght Tybe (lyke as the fyrte frgure boeth thewe) it can in no parte be fene.

I The ryght eare of the hearte.

K Che toppe of the lefte eare of the hearte.

L.L Thefe are the vapnes and acterpes descendinge from the beffels beimapping the roote of the heart, and brought hether forward from the hinder feare of the heart and from his lefte fpbe.

M,N, 0,P. By thefe are flewed the thune fayimes of laps pes of the lounges.

a parte of the mydzyffe.

The fyfte fygure wyth the declaration of hys karacters.



Ad flifte fpgure theweth fheart ib the le üges clearly beltuered fro the sinfolder, and turned on the left libe, that the continuaunce of the holowe barne to the roote of the heartemyghte belayed befoze the

The righte five of the hearte, with the great regis on of his bynder feate.

The right eare of the hearte.

The holowe bayne, where as it openeth into the bearte, or fpringeth from the bearte.

A postion of the holome bayne goynge throughe the mpospite.

A parte of the mpdzyffe.

I postion of the holowe bayne going to the former parte of the necke.

The begrinninge of the bapne which lacketh a fe. lowe.

The roote of the greate arterpe.

The flocke of the greate artery goinge bownward to the backe bone.

K This is a postion of Bleft lynome of the lyre payse of lynowes of the brapne, from the whiche the table folowynge, the weth the small synowe of the hearte to be Deriued.

L, M, No. There are noted the fibres and thinne faymes of the lounges.

P. Bereis fene a certapne procedynge of the bellels goinge into the lounges.

> The Syxte fygure wyth the declaration of bys karacters.

Des forte figure letteth for th the hearte foturned ouer towarde & right fyde, as & nexte table before thewed it bowed to: warde the leftelyde. And lykewyle as that figure themed the continuaunce of the holome bapne to the roote of the hearte . So boeth thes

table theme the harnall arterpe, and the lette eart of the heart. And also the small prome of the heart, whole leading forth to be the better fene, We have lefte anwered to thes fygure certagne fpipngpnges foirth of the greate arterie and the Charpe arterpe, with also tertaine postions of the symowes of the fyrt papre of the brame.

A,B,C The lefte lyde of the hearte, and the greate region

of hys hynder feate.

Claynes and arteryes infoldinge the roote of the bearte.

E,E Maynes and arteries lead forth Downewarde from . the bellels copallynge about the roote of the heart.

F The left eare of the bearte .

G The benalt arterie.

H,H Spapngenges forth of the arteriall bapne, runing out into the lefte parte of the lounges, a thole that are borne forth to the ryghte parte can not here be fene, bycause the roote of them, crepeth forth binder the hearte at the begynning strayght wave of the. bellel therof towarde the ryght fpbe of glounges.

The begynnynge of the arteriali bayne.

K parte of the arteriali bayne, goynge to the lefte

parte of the lounges.

Parte of the arteriall bayne dystributed into the ryght parte of the lounges, and bowed over by the latter leate of the stocke of the greate arterpe,

M The toppe of the right eare of the bearte,

N, N The holowe bayne.

The flocke of the great arterye.

A postion of the great arterye brought botonwarbe to the ryoge of the backe bone.

A portion of the great artery gopng to lefte armei

or former parte of the necke.

The reght parte of the postion of the greate artes the goringe allo to the former parte of the necke.

from whome the arterpe of the armeboole on the ryghte fyde marked with T is derqued and made.

V. X Thearterpes of flepe.

The flocke of the Marpe arterpe.

The ryghte fpnowe of the fyrte payze of fpnowes

of the brayne.

Small braunches, which the fonowe marked with a fprebeth forth to the confitution and makinge of the synowe whyche retourneth backe on the ryghte Spoe.

The right returnynge fynowe.

The lefte fynowe of the forte paper of fynomes of

M circle or a final braunche of the lapoe lefte [pnow]

offered the left parte of the lounges.

Small braunches of the left frome marked with from whome the lefte returninge fpnome is con-Stituted and made.

Es The left returning fynome.

Bunall fynome led fortha longe the benall acterpe and goynge into the center of nyobes of the roote of the bearte.

The letters thewe the fibres or theme lames of the lounges.

The involute,

#### The tables of the organs of the pearter?

The seventh frome with the declaration olders



be seventh spyure sheweth the beart, delivered stock the mydrysse, whole rpghte bentris cle is sene opened with one styte, broughte from the kounce seate of the mouthe of the holowe bayne,

buto the popute of the bracte, that there by the fapo mouthe with the pannicles therof mpghte come to light a afterwarde that the inner lyde of the ryght eace of the hearte myaly be layed before the eyes, we have deupled it to be courned the inlyde outs

I parte of the holowe bayne goinge throughe the

Parte of the holowe bayne goynge to the thiote of former parte of the necke.

CCC. The mouth of the holow banne going into gryght bought of the hearte.

D,E, Thele are the neckes and openpages of the partes of the bolowe bapne, accendinge and descens bynge.

The epuble care of the hearte tourned inwards thewynge has mequall and thome skynnye out-

The beginninge of the bapne called the coronall or coronall bayne.

H,H,H. Acticle fivellynge forth in the mouthe of the ho-

K.L.M The pannicles fet before in the mouthe of the holowe bayne.

N, N fibres or thinne fkpmes brought downward from the neather of the final pannicles of the mouthe of the holowe barne, to the froes of the right bentri-

o,o Bereate Hewed healther partes, whiche doe com-palle the forlayde themse farmes, and they are let forthlyke rounde figures or fwellinges forth.

The holownelle of the reghte bentricle, goeth sowarde the Merke of mouthe of the arterpall .

Q.R Marofres of a lubitaunce, whiche doeth conftitute the right bentricle of the beart.

> The eyght fygure wyth the declaration of hys karacters.

poppite by the engite frome the registe seate of the beatte, there where? Its sette, but the ample-tube and longe parte of the acternall vapue, and have also stretched forth & necked of openinge place of the bane that has paintyles in give be sene; Apartion of the bolome vapue going to the former region of the necke.

The stocke of the great acterne.

The stocke of the great arterpe.

Combe mouthe of the great arterpe, but epther of the

karacters boe popute Epiberiof theym to a feusthes the Nocke of the arteryall barne is fyille bestacts his popule.

F.F.G. The pannicles fette at the mouthe of thearterpail bayne.

HH The bounde of hedge of the bentricle of the heart, or the left lide of the roghte bentricle of the hearte, and thus have you here in fighte all the whole ame pletude and largenes of the ryght bentricle of the bearte.

I, One of the painticles that grewe to the necke of the holowe bapne.

K Dere hangeth the ryghte eare of the heart, pet ture ned in, and bowed againe with the fubitaunce of the beart nexte bntoit.

> The nynth fygure with the demonstra. cion of hys karacters.

hearte in like maner as it was shewed before in the two tables presceding that that here is a section or some househis here is a lection or liptte broughte from the mouth of the arteryall bayne buto the Charpe popute of the heart, and the layo mouth of the artervall bayne, with the left bentricle of the hearte, is fretched out, with the panicles there appearinge, whiche are fette before the layde mouthe or openyinge place of the benall arterpe. The lefte eare of the hearte beynge the inly de out mar de, that it mighte theme forth to the reader the unier lyde therof.

A The flocke of the great arterpe! B A postion of the arterpall barne.

C.C The mouthe or openynge place of the benall are

Actrele fwellunge forth in the mouthe of the bengt

The two pannicles fette befoge the mouthe of the arternal vayne.

Certapne fibzes oz thinne fkinnes ftretched forthe Downewarde frome the lower feate of the fapte pannicles to the lybes of the lefte bentrycle of the bearte.

H,H 3 fleathre fubliaunce of the bearte, embralpige and compaffpage those fibres and thinne fapimes whiche we marked with G.G.

The lefte eare of the heart tumed inwarde.

The heage of enclosure of the bentrycles of the

This way the ampletude and largenes of the lefte bentricle clymmeth bp to the mouthe of the greate arterpe, whose pannicles we shall sportelye open and beclare.

M.M The thyckenes of the fubftaunce of & beart, where it boeth conficue and make the lefte bentricle.

> The tenth fygure wyth the declaration of bys karacters.

1113

## The tables of the organs of the pearte:

Crefronce the trighte and higher feate of the lette bentricle, of the hearte, we have broughte a fection evento the ampletude and larges nes of the greate arterye, that the mouthe therof beuige Aretched os pen, the thre parmicles fette before it myghte thewe

The mouthe of the great artetye.

a.Co The thre pannicles fette before the mouthe of the great arterpe. But of thefe thre (as it happeneth of= ten tymes in the cuttyng) the one is cut a fundre by the myddle, and of eyther lyde one of hys partes E.F.G.H. ts lene, and it is that, whiche we have marched wyth 8.

F.F Dere are the beginninges of the two arteries called

crownal or coronal arteries.

Here apeareth a postion of the crownal bayne a the crownall arterpe,
H The mouth of the arteryall bayne.

IK Two pannicles fette to the mouthe of the arterys al bapne.

L The lefte eare of the hearteturned inwarde.

M, fibres of thinne faynnes frome the lower leate of the fayd pannicles perteyninge to the fydes of the left bentricles of the heart.

N The fleathye lubitaunce of the hearte, which boeth enereale and compasse the layde fibres or thynne

O A portion of the arteryal bapne. The thyckenes of the subRaunce of the hearte, is here thewed, where it doeth fathion and make the lefte bentricle of the beart.

The heage of the bentricles of the heart, which goethrounde aboute thence.

Here at the roote of the greate arterpe is fene the barde or as it were griffelly substaunce of the heart, which is called of the professors and matters of Anato mye by the name of a bone.

> The eleventh figure with the declaration of hys karacters.

120 the eleventh fpgure Meweth the hearte by an overtwarte cutte of the heart, alonge his bentricles mught come to lyght.

I parte of the holowe bayne.

The ryght eare of the hearte.

C. The flocke of the great arterpe.

The benall artery.

E The lefte eare of the hearte to whome hangetha postion of the benall arterpe. And thefe baracters Do the we the roote of the hearte.

F, F The popute of the hearte. 6,6 Cheright bentricle of the bearte.

H, H. Chelefe bentricle of the bearte.

LI The bedge of the bentricles of the bearte.

The welfth fugure with the declaras tion of bys karacters

and seem epther for four



A the twelve fraure the former teare of the lounges from the who the leate the bearte was cut away is lette fouth, and is muche lyke to the lowest place and parte of an Ore fore, whiche is nexte to the

grounde. A parte of the stomacke whereby the meate is caried into the bentricle.

The Marpe arterpe.

The artervall bayne.

The benall arterpe.

Joure fibres of thou thouses of lappes of glome ges. But G and H thewe speciallye the seate of the lounges, agrernge to the gibbolyte and swellinge parte of the mydipfte, beholdinge the ampletube of the brefte.

I The mydryffe.

The thyrtenth fyoure with the declaration of hys karacters.



he thertenth fegure theweth the hypnoer feate of the lounges pluckt hynder water breffe.

A postion of the Charpe arterye, is here fene on the backefvoe. four fibres or lappes of the louns

ges exprellynge the upper region after the Chape of an Drefoote.

Here after followeth the treatyse of the brayne, whyche is dedicated to the feate wherein is the power oflyfe and to the instrumentes of the fenses .

Of forethat we some to the opening of the caracters, we thinke it here convenient to admonythe the readers that the nombre a order of the figures of the head are not alone, for in the first pagen of progues of the heade, after the first figure and the seconde, france many follows the number that the seconde.

strapte wave folowe the nynth, the tenth, the eleveth and the twelfth, and therfore we comprehended all the fygures of the heade in foure pagines, and pou thall fynde the thyade and the fourth in the feconde pagene of the fegures of the heade. The fyfte and the lyrte in the thyrde pagyne of the fygures of the beade. And the levelh and the enght you that fynde in the fourth pagene of the lapd fegures . Ind pour Chall fynde the upnth and the tenth, the eleventh & the twelfth fet all in order in the frast pagene of the aforelayo capitall fygures. The thystene and the fourtenth in the leconde pagene of the capitall fis gures,the 15,16,17,18,19,20, are in the thythe pas gene of the capytall frauces . The 21,12,23,14, pe thall finde in the fourth pagene. The outer in gras upage a papatyage thefe figures after this maner was thus appoputed for the confideration, & thele foure pagens might be faftened boon a table of a wal as they boe follows one after another together, fog all the fapo pagenes to there fegures meghe

The tables of the standard the tables of

be leve and looked on topily one loghte at once, the whiche mape of thes lettenile these pagines forth bothe the older and the numble are bothe profesable and alfo playme to be fene.

The fyrft fygure with the declaration of bys karacters.



De firste figure of the heave, expressett the heade of man . in fuche forte, as it myghte touentently them & brague of the layo heade, beynge of the mapfters of Anatomye taken from the necke and from the nepther Tame . And further=

more, we have taken awaye rounde aboute, with a fame to muche of the fcull, as is accustomed in the cuttyinge to be taken awaye to the behologinge of al thinges contarned within, in the ampletude a largenes therof. And you maye well perceyne yf you loke on the two and twentteth figure of the beade, howe muche is there taken awaye, for that fygure explesses the same spoe of that parte of the scull whiche was taken from the refte of the heade. Ind therfore, like as thys prefet figure in porder of fec- 1. ficu pochigoe before, all the other fygures, whiche boe folowe one an other, to have we with good rea-fon named this to be the fraste table, whiche spe-weth the harde pannicle of the brayne, beinge per nepther cutte not perifyed not wounded. Howe be it, we have placked oute the boildes of the pannicle, whiche are fretened forth by the features of the beaders fathion the lapde painticle, whiche because et doeth girde by rounde aboute the scul, the Grescians call it Periermies. And with these sibres of thinnes the final bestels also are broken, whiche beinge broughte throughe by the small ho les of the scull, are subged to serve bothe to the harde parmitle, and to that wherewith the scull is compassed aboute. But of the two critics and runs bels, whiche are feene to goe aboute the figure the laynne and the pannycles whyche are binder it do constitute the neathermore circle or roundel, and the circle whiche you fee to be the higher is the Icul, but all othinges comprehended on contapned within this spherical figure, doe theme the harde pannicle of the brayne, whiche is occlared and or pened with the karacters lene in the frgure all together. Aeuerthelelle, euerye one of thele harace ters by them felfe doe here after thewe feuevallye what they doe thewe and popute bino be.

A.A. The right fide of the harde pannicle of the braphe, or parte of the pannicle, whiche compatieth aboute the right region of the brayne.

The lefte Ope of the harbe pannycle of the

The there concaute or boughteof the harde pan nicle which is ledde forth all along the longe thebe by parte of the heade, and here in no parte opened, burthening his higher those as it is naturally parte of a rectle.

burthening forth after the maner of the fourth parte of a rectle.

burthening his higher those as it is naturally parte of a rectle.

burthening his higher those as it is naturally parte of a rectle.

gapulle the other ethindide forth after the manes of barnes into the hinde painticol the braines longe the woole liberherof. "The bringing furth of the harve pannicle of the brayne into whom is receaued the locte barne gos pinge into the feight."

By their nacheters are the weo family apples, commence from the lockers are the weo family apples, commence from the lockers are the weo family apples, commence from the lockers are the weo family apples.

mange from the harve panntcle of the braphe, by head, and putte through the pannicles compalling and gridinge by the farme rounde aboute, of the which baynes the more numbre and the greater are fene in g place, where E ftanbeth lokunge in a barke

Small portions of fibres or thynne faymes go: page foith from the harbe pannicle by the leame of the crowne of the head to the constitution and mas kyinge of the pannicle, whiche compasseth and as it were girdeth bp the fcul.

H,H Small pourous of fibers to whome that parte of the feame of the heade called Sagrealis maketh mave .

1,1 Thefe karacters alfo, lineke in the Chabowe of the hynder parte of the heade, the wynge the feate from whom the fibres are brought forth by the feame lyke thys Greke letter A to the constitution of the infolder of the scull.

Dhe of those knobbes, whiche often tomes growe buto the buequall boughtes of the fcull, whiche are fine for the moste parte upits but the tomprage together of the lagittall feather buth the feame of the

crottele. The head whereby we have lette fouth this fyille fygure hatti this fich knobbes as thes is, whereof we have marked the one with Cano of epther lobe

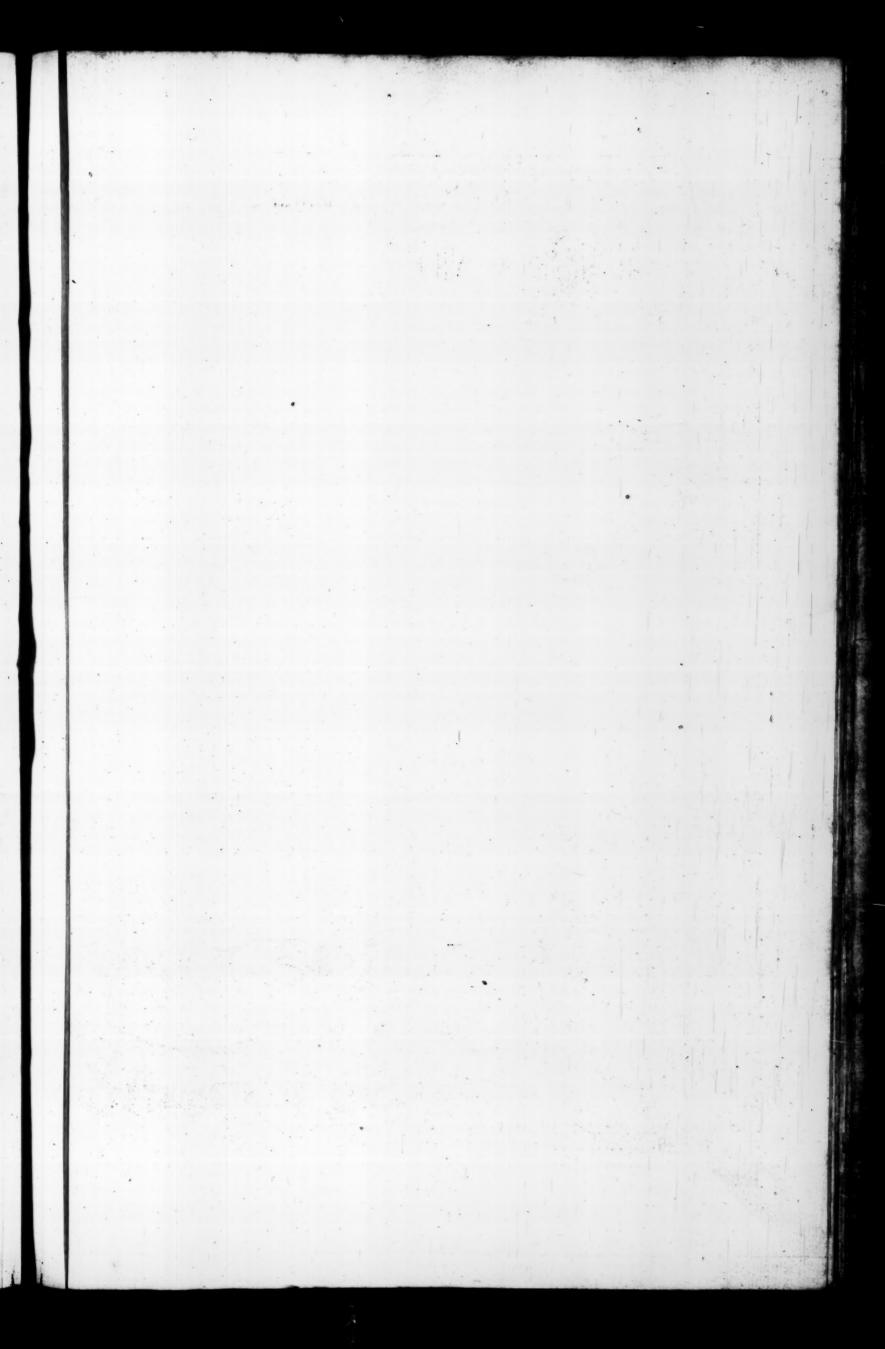
of this letter His one. The holoward proper onelye to the bone of the brown nexte to the lease of the byper parte of the browes, which is often tymes opened in the cuts tynge pf at aupe tyme the bone of the foreheade not far from the brower, is fawed a funder.

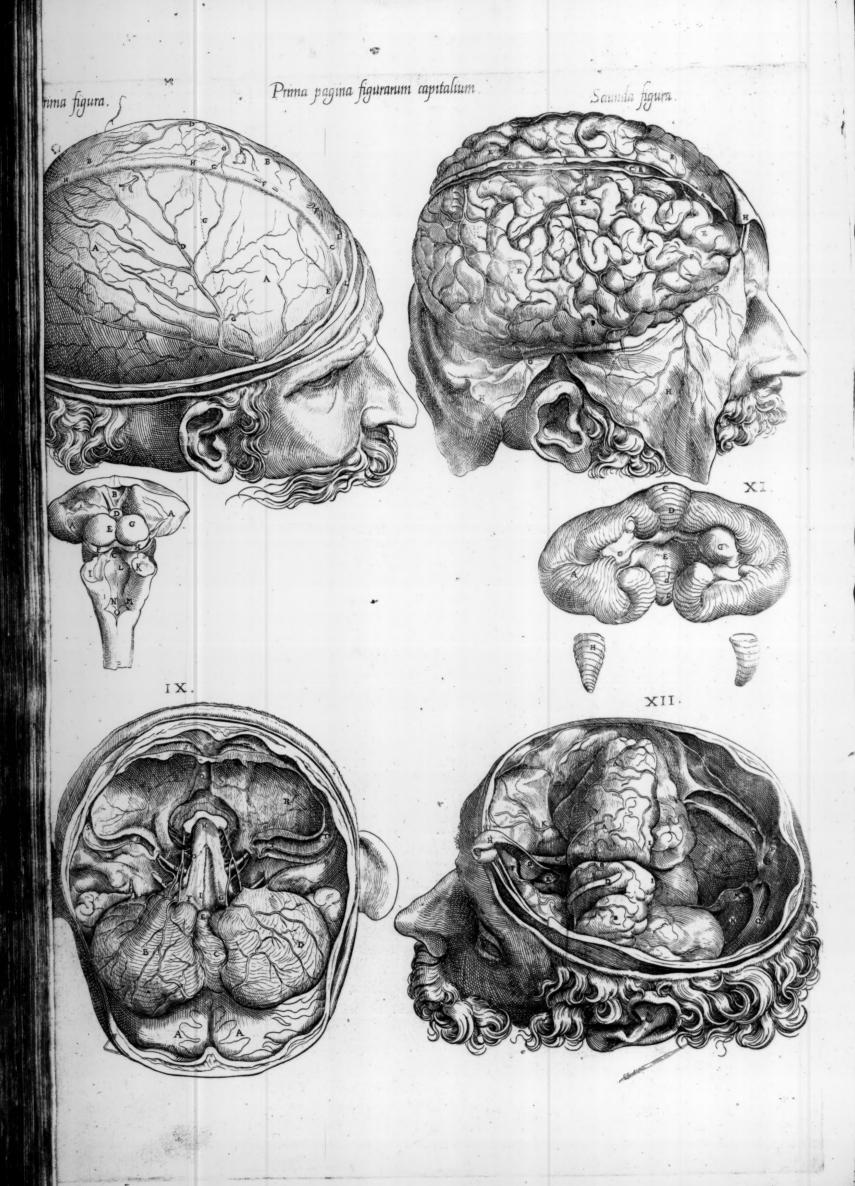
> The seconde freque of the heade with the declaration of bys karacters. to an euter

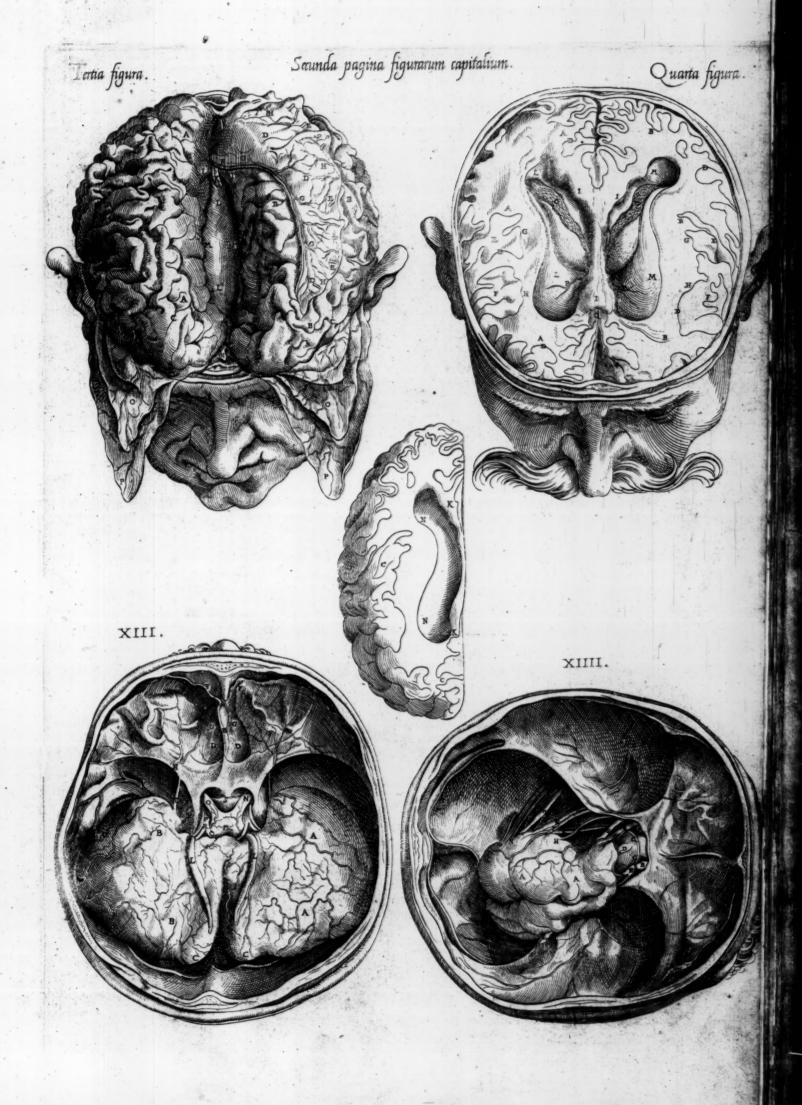


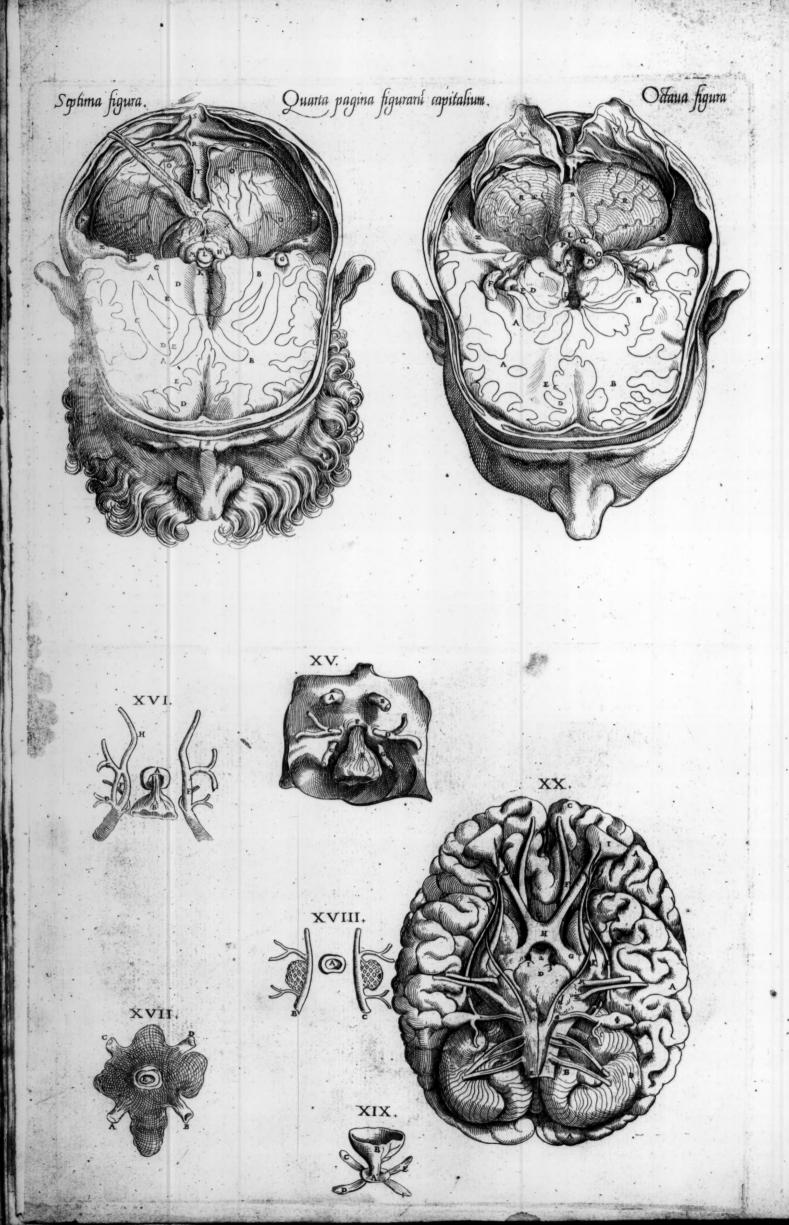
the order of stittinge next after the first cheweth the thyrde concaute or holowies of the haide pannicle. (whether the figure had marked hed with fertagne c) made open

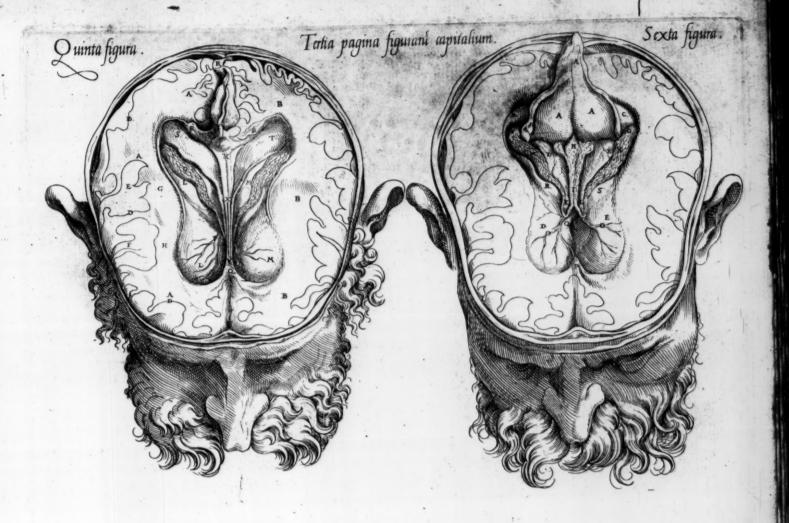
with a longe fection of cutte, broughte by the lonhaue brought forth two fections or cuttes alonges length of head but the libes of this three conscaute or bought that is to fave, eviter of them on both lydes to one of the boughtes, which pearched through hard panicle only a democratic which both harde panicle, fro grant of the panicle, which both feperate the right parte of the brayne, from the left, and in grighte folowing is marched to Do , Be-Type the thre fections nowe rehearled, we have also made on epther fyde another, whiche goinge to the

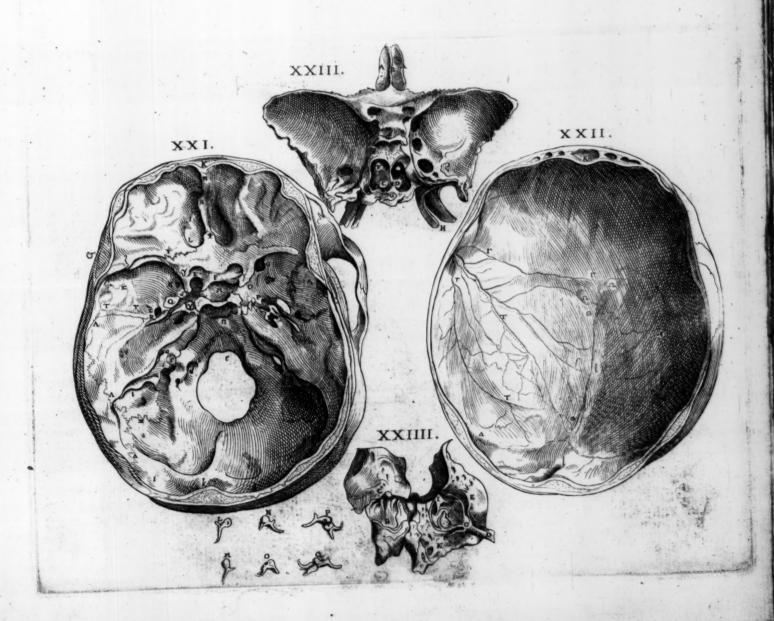


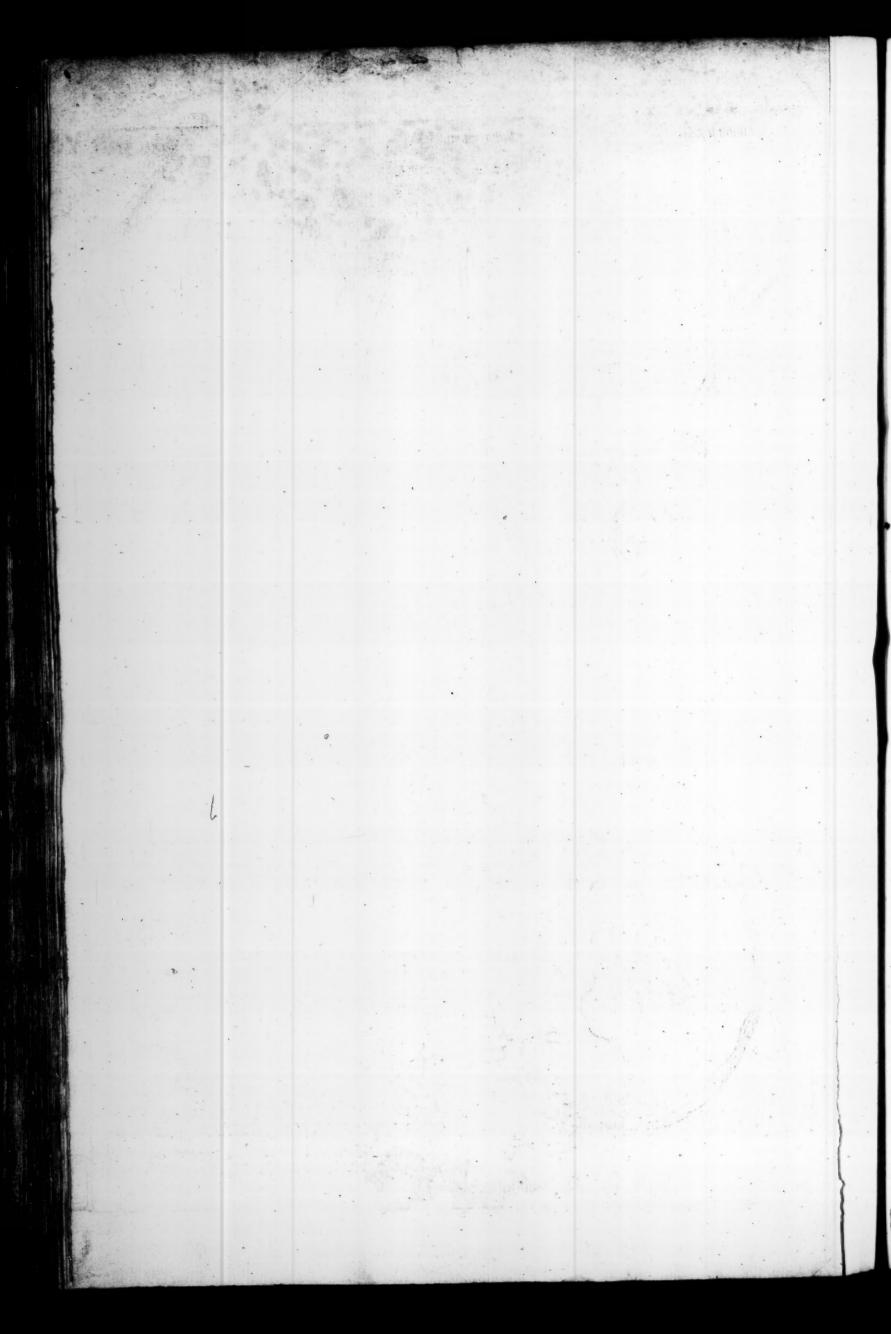












## The tables of the Mining

crowne of the heave frome the care, beupbethal's fo the harde pannicle onely that it mape afterward the moore concententlye be taken from the thenne pannicle of the brane and be turned downewarde as you le it here done. And here is sene also the thin parmicle of the brayne, beynge nothynge perithed, which is broughte aboute the brayne, nexte bitoit thewynge the procedynge of the bellels therof in

the region, beinge pet bare. The opper and higher leate of the harde pannicle of that parte thereof, whiche goeth betwene the reght and the lefte partes of the brayne, and thes leate noted with A and 4 is the rybbe of the thyabe bought of the harde panicle, whiche commeth to the fcull, and is here deupded by the mydole.

B.8 Here is openlye lene the holownes of the thyade bought of the harde pannicle.

C.C The mouthes or opening places of the bellels, go inge from the thproe bought of the harde pannicle tuto the thome pannicle 4 the mouthes of the bele fels are fene, frome the lefte fpbe of thes boughte goynge into parte of the thynne pannicle, whiche is bewrapped aboute the lette feate of the brapne, but the mouthes or openpages befrended from the ryghte fyde are not here fene, yet the beginninges

D.D of the beffels are fene marked with Da and D. whi= the are growen forth buto the then pannicle whis the inmappeth the right feate of the branne.

B.E. G.ec. Che thinne pannicle coueringe the brapne. F.F Drocedpages or bestelles runninge forthe, in the thinne pannicles alonge the proceding of the infols

bers of the branne.

G, G,G Dere noted (payinges forth frome the procedyinges twhiche doe rimne, oute by the lydes of the harde parmittes marched in the fysite fygure wyth cers tapne of thes letter o gopinge into the theme pans nicle.

Postions of the harbe pannicle, pluckt away from the theme pannicle and bowed bownwarde.

> The thyrde fygure of the heade wyth the declaration of bys karacters.

Athrs prefentefrgure, from the whole part of the branne confifting aboue & fection, which we bo make rounde about the fcull with a fate, we have taker out both the thynne pannicle of the braphe and also the

harbe, and we have also beupbed frome the bonge bedge or inclofure whiche do bempde and feparate the boughtes of the infrumentes of finelling, that portion of the harde pamicle whiche doeth deupde the ryghte parte of the brayne from the left beyng in the leconde fraure referued and kepte wholeun

hysowne feate.

Ind we have lefte thys parte (that the Thape and falhion therof mpghte be fene)on the lefte feate of the brayne made open buto you, the cyghte and the lefte partes of the braphe beynge to beup bed and brought a funder with the handes, that the bpper or hygher feate of the brawnye or weetye bos pe myghte accordyngelye offer it felle bere to be

8,8 Chelefte pacte of the brapne.

C.C Here euerpe where are thewed the followings to gether of the trappe with the compallinges and turninges of windinges in and out therof.

D,D,D I portion of the hard pampicle of the bragne, which goeth betwene the ryghte parte of the branne and the left, brought forth in thes place from this feate

bpon the left part of the brayne.

E,E,E When we fyrite doe goe aboute in the cuttynge to biginge awaye the righte parte of the brapne from the lefte, then are those bellels broken, by the moze kynge and helpe of the hande, whyche goe oute of the thysbe boughte of the harde pannicle into the thynne pannicle bothe of the one (pde and of the other. Ind therefore, for so muche as the loke was to be bone of bs in the freque, we have fette forth the begynnynge of those besiels broken, that pe mape fee them.

The procedynge of the bayne runnynge here forth into the lower feate of a parte of the harde pannts cle, whiche parteth the ryghte parte of the brayne from the lefte, and thys procedynge is spronge forth from the fourth bought of the harde panicle in

the former feate or parte.

Springinges forth of the procedynges marked G,G,G,before with Frunning forth Commhat byward into

the lapd part of the harde pamicle.

Smal braunches whiche are fpronge forth fro the lower angle of & thyzde bought of the harde pamicle into that parte of the harde parmicle, where the rpatte parte of the branne is deupded and parted frome the lefte.

LI Thele are the begynnynges of those procedynges which are carped fouth fro fourth boughte of the barde pannicle after the maner of baynes into the thenne pannicle of the bragne, alonge the boper region of the brawnpe or wertpe or harde bodye. and they are here taken awaye and the thrime pannicle

K The begynnynge of the bestell whiche bescended frome the ende of the fourth boughte of the harde pannicle, and rumpinge forth bider that bodge of the brayne, whiche we lyken to a baute or a cham= ber buploed after the maner of an arche into the thyzde bentricle of the brayne, and from thence runneth forth to the constitution and makinge of the infolder called Plexus, whiche we compare to the feconde or better interapper of the childe.

L,L The wertte of harde a brawnye body of the brayne, M,M Boughtes of holownes fene at bothe the lydes of the harde and brawnye bodge in the bragne, the whiche boughtes we can in no wple expelle other= tople here then we have nowe bone, for lo muche as they are verye strayte, and they she we for the moste parte berge narowe of fragte openpage lyke bato

chinks or chinnes.

N,N 3 postion of the parte of the barbe pannicle, gopi between the ryghte leate of the brapne and the lefte, and thewed but o be on the higher parte there of with certaine of these letters D, whiche parte or portion dep growe but the bedge or melodings, whiche benedeth the boughte of the antiquaentes of linellyings to the procedungs of the erghts have The source of the wiapness

d a he regist part ofthe bigene, of the head?

I portion of the throne paradole taken awaye from a the brayne.

Portion of the harbe paradole of the brayne.

The fourth fyoure with the demonstras cion of bys karacters.

Athys fourth fregure we hauecut awaye all the partes of the harde and thyrine pannicles, whiche were fene in the frille fygures, and als terwarte we have alfo taken awaye by the order of cuttynge the righte

and the lefte postion of the brayne in fuche forte that the bentricles of the brapue begynne nowe to theme them felucs. for first ot al we have brought a longe cutte or flytte, by the ryghte five of the brawnpe or harde bodye, where the boughte boeth flande marked in the thirde fygure with the other M whiche beinge brought by the light bentricke of the brayne, bathe taken awaye that portion of the ryghte parte of the brayne, whiche was had aboute the fection cut, where we bembed and cut a funder the fcull rounde about with a fame. I'nd fythe that we have done the same also lykewise on the lefte spoe, we have so placed here the lefte parte of the biagne en the reght fode, that it fomwhat the weth allo the uppermore feate of the lefte bentricle, the bramme and harde bodge beguge get referued in the heade.

A.A.A The ryght parte of the bragne bepnge lefte in the

B.B.B Che tefte parte. 10

The lefte pozition of the brapue, whiche, taken a= wave after the owner of cuttynge letty here bo-

D.D.D. Apres helpinge partelye the crowked wayes and turnynges in and out of the brayne, and partelye the billetle colour of the lubftaunce of the brapne. for what focuer confifteth without the lynes is as it were pelowe, and fomwhat moore lyke the colour of affes. And what foener is fene within is cleare,

E.F.G.H. whyte as at E and F the right and the lefte parte of the brapne, is pelowe, but G and H thewe plapn: lye whyte, some tyme beinge here and there stayned weth redde poyntes.

I.I The braimpe or harde bodye of the branne lette cleare on both woes from the brayne, wherto other bife it is torned and cleaneth.

K.K. I finall portion of the braining or harde bodye, pet cleanyinge to the tefte part of the bragne that is také ewaye.

MA The right bentricle of the brapne.

N,N a pouten of the upper leate of the lefte bentry

o.o a wiappynge together oz knyttynge of the biapine called Plexus Recetorpie, not muche bulphe the Thape of the breemoltemfolder of the chylde, the whiche

Signification and character to the linking of the sale of the sale

reght and lefte bentricle, and they are broughte from thole bellels, whiche boe make the foldinge whereof we fpake before called in Latine pletus, whyche is muche lyke to the feconde bythe of a

moman . Small baynes runnpnge forthe bere from the abougrehearled bellelies, under the former leate of the brawnye or harde body, into the thynne pannis cle of the brayne offeringe them felues runnynge bucerraynelpe woth no certapne order in the cuts tinge lyke as those vapnes before noted with P.

> The fyfth fygure wyth the declaration of hys karacters.

the profeste fraure in so muche as appertament to the position of the brayne lefte in the scull doeth in no parte barye, and it hath this only proper butout felfe here, & we have trutte delpuered the brawage

or harde bodye in the former feate thereof from the brayne, and afterwards beynge lyfted bp, we haue tourned it backewarde towarde the hynder partes, pluckynge aware the hedge or inclosynge of the erght and left bentricles, and puttyinge bestore the eyes the opper face of the bodye buylded lyke a vaulte or an arche.

A,B,A A,A,A. and also BBB, and then afterwarde DDD, and E to Q and F and G and H spgnifte even the same here as they byd in the fourth fygure, and inlyke maner doe LL MMO P and & fignifye the fame here as they byd there.

with thefe haracters is noted the neather or los wer parte of the outspoe of the brawnye and harde bodye for it is removed from hys feate and towned ouer into the hinder partes.

The opper parte of out lode of the bodye made like a furneyes or a baulte, whiche is lette forth lyke a triangle from sto T and from T to Vand frome T to Tas you mape feett.

XX The lower parte of the hedge or inclosure goinge betwene the right and the left bentricle cleaued to that bodge, whyche like a baulte of an arche,

r,r The bpper parte of that hedge oz inclofure afoze= fapbe continuonge with the brawnye or harde bo= Dre for the inclosure coulde none other twele be let forth then as you doe now fe it broken.

There was also an other fraure orderned in the whiche two handes as we be in cuttyinge byo fomwhat holde by that brawnye or harde bodye not pet delpuered in hys former leate, that the hedge or inclosure beynge pet whole myghte be sette befoze the eyes, but ith it appeareth not so kendelye and naturallye in that fogure, as it byo in the fece tion and cuttyinge. I have lefte forth that fegure that the pagene house not the with de occupied without profpte.

The syxte sygure wyth the declaration of bys karacters. of bys karacters. to 2121 und ged en

#### The tables of the Light photo 10.22

Bys france in formate as pers tapicity to the portion of branche lette in the fault anni wereth and is lpke also to the fourth, and it different also frome the tyfte in this pointe that we have delivered the cody, whiche is lyke a baute in this to time steate.

from the Substaunce of the branne, tournpage it by that be some the hinder partes, that his lower face of parte theref might be sene, a that the bellet also might apeare, which contest fouth from a fourth bought of the harde pannicle, and is carred binder the house which the beautiful and is carried binder the house which the bound is the bound in the bound in the bound in the bound is the bound in t the bodge, whiche is like to a vaulte of arche and Doeth conflicute and make nor the lefte parte of the foldpinges of knittynges, whyche the olde wepters de leken to the after bysth in a woman,

and the karacters of thes fegure followe after this

The bodye made lyke buto a baulte, is here fene in the lower parte of the out fode where it constitus teth the higher feate of the thyzde bentricle.

A portion of the bodye whiche is falhioned lyke a vaulte or arche in the righte bentrycle bringinge bys begynnynge from the fubitaunce of the brapne, A postion of the bodge lyke a baulte bothe in the

chape and ble also thereof, whiche spayingeth here forth of the left bentricle of the brayne.

0,2 The ryght bentrycle of the brapne. BE The left bentricle of the branne.

In artery runnyng by higher into the righte benitricle by the lower and hinder feate of the ryghte bentricle frome a braunche of the ryghte foporall or Aeppe acterpe, which perfeth throughe the harde pannicle of the brayne. In acterperiumpnge up into the lefte bentricle of

the bravne.

H A beffell bipngpinge bis begynnpinge frome the fourth bought of the harde pannicle of the brayne, and going forth biber the body which is fallioneb loke a baulte into & boughte or holownes common bothe to the ryghte and the lefte bentricles, og into the thy de bentricle,
A biuifion of the bellell marched with Hinto two

portions.

Another portion of the benilion of the beffell, mars ked with H, comminge to the right bentrpcle of the

The one part or portion of the deuilion of the lapd. pellett, comminge to the lefte bentricle of the

M. The fouldynge called Plexu of the ryghte bentry= cle compared to the Chape of the leconde byuth, and to conficured and made of the arterpe marched with and the postion of the belief marked with 4,

That infounder called Plexus, whiche occupieth the lette bentricle of the brayne, and it is conflictated

and made of the bellels marked with Golf.
Dere groweth fuckfinal baputs to the fublishing of the branne brought forth from thole vellels whis the me marked with tork,

from the vellels of therees whiche are here offered to the montainer of the bearing procede certains final braumches these wave out of the amplitude of

the head and the themse pannicle of the boughts.

I wave or openinge place some of the boughts and holowiells whethers tominon to the rights and lefter benchicles on frome the thinds: bene with it he brakes going eryghts not neiver to market the bally, which receasings the segmentate to market the bally, which receasings the segmentate button or of the brakes carried the sand humans. humours of the branne, carrieth the fand humours from thence, after the maner of a fumpli, to the cars nell let biber the neathermolte ende of the lapbe funyH.

Holow popes or boughtes grauen in the fubftauce of the bentricles, bayingpinge away the flegmanike humoure to the mouthe of the wapes afozenamed

marked with Q.

The fenenth freure with the declaration of bys karacters.

> Ad thes presente segure barrett muche from the the segures nexte before. For that parte of the subbefore. For that parte of the fub-flaunce of the brayne, whiche in the

was lefte, is in thys taken awaye, whyche also byo set fouth the seate of the ryght and lefte bentricles in those fygutes to be sene. And moreover, all that parce adsorting to the lesser branne called Grebellum, is here also cut awaye, that the portion of the harde pannicle might be sene, whiche goeth between the branne and the leffer brapne called Cerebellum, Dozeouer, the bough tes of the barbe pannicle unit conflitpinge are bere opened by certagne fertions of cuttynges made with & former point of & knife. And we have turned the bellels,into g partes behind backward which goth fro & fourth bought of & hard parmitle of the brayne, into & betricles of & bealye, a is here lyfted by out of the thyrde bentricle of the brayne, a pluct awaye frome the inwappynges or fouldpinges. whiche are lyke the lecondans, that the leate of the boughte or holownes of the thyrbe bentricle of the braphe, or of that bought, which is common to the right of left bentrycles, myghte come the better to lyghte, with the waves and openinges also of the fayde boughtes.

A. The ryghte parte of the fubitaunce of the brane lefte pet within the scull.

g, s The lefte parte of the substaunce of the bragne re-

CC Thele which pe Doe fee here every where antwere and are lyke to those which the thre figures before byd lyke mple theme, but bycaule fuche lynes, sot dineripte of substance of the brayne, noe onely there, comple where the brayne is most nyghe but othe thyme pamicle, the fygures procedying for to muche as to greate a portion of the brappe is here taken awape that the outly de nowe apearping in the roote is not farre from the thorase pannicle the types also are sene in the same roote. Indicate also that is, here amonge the lynes sheweth the pelowe of pale substante of the biance was the season places marked with the same among the lynes.

The land was a series

the interest them in the state of the space in the best with a state of the space of the space of the space of the space of the regist beneficie by wards to the configuration of the interaper or infounder called flows space of the interaper or infounder called flows space of the space of the space of the interaper or infounder called flows space or in the space of th E is affired in thes table of fygure, and in what feate also in the syste fygure, you shall redely since and perceptic home the registe bentreele of the brayne as wel as gleft, is broughte bownwarde in to the former partes from his hinder leate freigh ter and strenghter in maner of a home, by the lubstaunce of the brayne, for here where we have taken awaye utooze of the fubitaunce of the brayne, then in the lypte, a postion of thys prefente arterpe noted with F, Declyneth moore forwarde then F in the forte, whiche Doeth note there also the same pop tion of Parterpe, where as it nowe elimmeth by to the hinder leate of the bentrytle. And f and G them it more playulye in the egghte frague, in the whiche because of the procedying of these bentricle to them it moore playulye, we have taken awaye moore yet of the lubstaunce of the brapne then in thes table, whiche is the fenenth.

A postion of the loposall arterpe, creppinge forthe bywarde alonge the lower and binber feate of the left bentepele in lyke maner as the arterpe market

H The towest feate of the thoude betricle, and that it Choulde the moore playnipe and eafelpe be lene, we baue fette it forth fomwhat full or as it were firet

A wave frante downwarde goinge from the thyrde for Ato H bentricle of the brayne, carpinge forth the flegina-tike humoure of the brayne, to the bacyne ofdepned

Tou the recepupinge of the same.

La may going out of & thirde beirgele of the brayne, betwyrte the tefficles and bottockes of the brayne, pertappying to the boughte or holownes, whythe is common to the Cerebellum and the marie of the bathe. L'A karnell not muche bulyke a price aple, and the luffentacle and holder by of the bellele, which goe

frome the fourth boughte of the harde pannicle to the braphe.

M,N. Thesparte of the brane we call also the testicles and the bottockes of the brane, beprogehere yet come nered with a thinne pannicle.

The procedynge of a portion of the harde pannicle The procedyings of a portion of the harde pannicle of the bray ne, which is let between \$\frac{9}{2}\$ brayne a Corestallon, a those procedyings which come to this tyke as they were papers, boe springs softh packedoe from the firste and seconds boughted of the harde pannicle, and partely from the fourth bought.

The right of the friste bought or holotimes of the barde pannicle of the brayne.

of the bragne.

The metrings of going together of the fruit and leconde baught of the borde paniele, which many of 6 Grekes call two that is to lake a time prefix.

The beaming of 8 three bought of \$ barb paniele, the beaming of 8 three bought of \$ barb paniele, the some

Bellelsede form from the fourth boughte of the barde panucle into the ventricles of the brank, and it is here tourned ouer from bys feate comarde

x, x In the searce the lette brance talled consider to the fire being not coursed with the harde paracte

of the brapne

The goinge forthe of the baynes, from the fourth bought of the hardepannicle of the brayne, into the thume parmicle, where with Cerebellum and the tellis

ZZ The leate of the harde pannicle, where it groweth buto the bone beinge hardelt of all the bones of the bodge, and contagneth within it the infirumentes of hearynge . For we have taken awaye the brayne in this place, this part of the feul myght be fene.

> The eyghte fygure of the heade wyth the declaration of hys karacters.

at thes prefente fegure barieth frome the feuenth in thes, that the have here cutte awaye more of the brayne, and that we have in thys lection, that the wave whiche goeth deupbed the testicles with a longe

from the thyrde bentrycle into the fourth myghte be fene. And mozeouer, bere is a pozition of pharbe pannicle, whiche is brought aboute the lytle brapne Cerebellum cutte away, and turned towards the backe partes. And for to muche as thes prefente fegute hathe many thinges in it that the feventh had here in A A and B B and C C and DD and E Eand Fand G and Hapopute the laine thyinges as they byo in the feuenth. But the arteryes marked with fand Gooe becipne & leane here formuch more foreward than they boe in the feuenth. Is the bragne towarde his roote in the feuenth fraure was taken awape mote then in the forte.

The way also noted in the space france with swhithe is borne frante bowne, and it caricth forthe the

flegme to the balyne.

the wave orderned to carpe forth the flegme, while the is some tyme broughte frome that wave, that commeth frome the thyrde bentcycle, between the

testicles into the fourth bentrpcle.

Leste that Libouide here be detected by the in the shadow, or of it should be putted in the shadow, or of it should be putted in the space and for it the shadow should be greater to shaw it in and so these declaration to be made: Therefore we have put Latthe former parts of circular to note the sools and mare which is carred frome. The thirds benefited into the south, which have could in no wife be expressed by Libert, placed with.

M 300c have pet here lefte the karnell, which appears the lester appears the sufficient of the lester appears.

red lyke a pyneaple, and is made the lustentacle of holder by of the bestelles, commonge from the fourth boughte of the harde paymente into the ben-

trickes of the brapue.

cricles of the beapne. A constant bodge in the body whiche before the fection is all one and in the fewerth frame is marched into se and a single second in the fewerth frame is marched into se and se and it first prantiches the pares out of the authorities

is bete time beinded after the ble and other of fection. And it and of theme the leates and places of bys bodye, the why the feates are called by the name of tellicles.

But 2 and 2 note those leates, whiche we for the moste parte cal Nates or bottockes.

R.R. Thys is Cerebellum, pet compassed aboute with the thome pannicle.

s,s Mellels infoldenge or wappynge the themne pans nicle of Cerebellum after the maner of baynes.

there paintile of Cerebellum, brought forth to thole arteryes, whiche doe climme and altende by warde by the hynder partes of the bentrycles of the right and the lefte brayne, to make and thape the inwrap pers, called Plexus, whiche the mailters of Anatomy doe compare and tyken to the biter infolder of the chylde.

W. I portion of the harde parmicle, whiche byd deupde the byper seate of Gerebellum from the brayne.

X.X Dete are noted certaine springinges forth of the bessels bewrappyinge the land portion of the harde paintile, runninge forthe into the thynne paintile that clotheth the lande Cerebellum.

gure that is to laye the harde pannicle whych doeth grow to the bone of the brayne in whome the instrumentes of heavynge are contenned.

The nynth fygure of the head wyth the declaration of hys karacters.

A thes fegure the same portion of the brayer is reserved as it was in the eyghte fegure, but thes present fear, hathe that parte of the harde pannicle cutte awaye whiche beute

pannicle cutte awaye, whiche beute beth the brayne from Cerebellum, and afterwarde it hath the Cerebellum drawen forth downwarde with the handes oute of hys leate of the scull, and hand geth forth downwarde sommhat turned in, getheres gion and place thereof, whiche touched the scull myght be layed before the eyes and sene, and that the holowness of the marpe of the backe myght be sene, which doth constitute and make gother part of the fourth bentricle. Ind furthermore before the progression and goynge furth of certe baynes and synowes the system and the seconde boughtes of the harde pannicle, are here opened and mooste playns species for the feet forth.

and largenes of the faul, a pet referued here in bys

brayne called Cerebellum, turned oner downward out of his place, beying e per styll infolded a wrapped in the thirms painticle, and growings to the marpe of the backe. But a significant privative and speciality the righte leate of Cerebellum, tyke to the holomers of boughtes of the scul noted with and of the sent the lefte, whyche is set to that seate of the small inductions and with a sent of the small inductions are sent of the small inductions.

parte of Crelelius is noted not muche briphe a worme, confitutiong cand making ewith his endes those procedynges, whiche the olde philitions compared and dop liken to the ymage of a worme.

The hynder ende of the myddle parte of Grebellus' whiche we will call to be the latter of processes whiche are lyke but a worme, called in Latyue Vermiformis processus.

P.G.H. A parte of the marpe of the backe yet abydynge in the skul, a Fand G. shewe the seates of these part of of the marpe of the backe, to the whiche groweth Cerebellum, but H significant the seate of g marey of the backe, fallinge surth from the amplitude of the Iscull.

The boughte or holowe parte of the marge of the backe not muche bulyke to the popule of a penne wher with we wayte, and conflitting or making the middle bought or holow part of the comon ben tricle of the marge of the backe and of the Cerebellum, the whiche bought the experte maillers of Inatoning does name the fourth bentrycle of the brayne.

K diestels or goinges forthmoste lyke buto bapnes, going this way fro those bestelsinto Gerekelli, which are droucke by into the first and seconde boughtes of § harde panicle. And as these goynges forth are berye often and thicke, so lykewyle doe they not all springe furth with lyke order and procedyinge.

L, And thes ware also is a procedunge lyke buto baynes goinge into the then painticle of Cerebellum from
those bestelles, whiche in these parte doe weave betwene the harde pannicle of the brayne.

M. The fift payre of fynowes of the brayne. R The firte payre of fynomes of the brayne.

O The secuenth payre of spnowes of the brayne, and here maye well be sene with howe manye small bratunches the two laste payres of the synowes of the brayne doe brynge theyr begynnynge from the marye of the backe and not from Grebellum.

P.Q.R The boughtes of the hynder bone of the heade to whome the fygure of the brayne boeth answere, for P beynge sette on Cerebellum agreeth unto s where o answereth to C and to P.

o answereth to C, and to D.

s,s,s. The ryght of the firste boughte of the harde panniscle, is here opened with the pointe of a knyfe.

T,T,T. The lefte of the seconde bought of the harde pannie cle, and the procedynges of those boughtes are in none of the fraures of branne, let forth so playing to the eyes, as in the present fraure.

The tenth fygure of the heade wyth the declaration of hys karacters.

and lette forthe that portion of the brayne, that bryugeth forth the bearing and afterwarde the Coreballum is the ben lawage from the parte of the

hen lawage from the parte of the marpe of the backe whiche is here lene with the certifices of the backe whiche is here lene with the certifices of the bappine, the buttockes, and kacuell that hathe the shape of a price aple. Indiante of all here is expecte the boughte of the marpe of the backe, which with the boughte of the consession

T.b. Doct

#### The tables of the Braynes

Bethtotheand (habethe fourth bentrycle, all A. A Barte of the branne bipngpage furth the marpe of

A wave gapinge frome the thyrde bentrycle of the banyne thro the fourth bider the bottockes of the brayae whole ende goginge into the fourth bentris

The karnell of the brayne, the whiche maylters of

Anarompe lykentro a pone apply?

H. worth thefe haracters the tellicles and bottockes of the brane are noted. For it apearsth that the mapflets of Anatompe because of the lone, whiche is ferie betwene Fand F and betwene G and H that: the haue made a difference betwene the higher (wel! Ipnge of knobbe marked wyth E and & frome the lo= wer whiche are noted with E and 6, naminge the hygher with the name of the testpeles, becaule the barnell lyeth upon theym after the maner of the parte. And they have called the neathers moze the buttockes, bycaule the ende of the waye whiche goeth frome the thyzde bentrycle into the fourth whiche ende is marked with a mave be com= 1% pared in lykenes to the boydynge place of theer; crementes of the bodye called the arfehole.

Two leates of places in the whyche the begynninge of the marge of the backe docth growe to Cerebellum, L, M, N O The holownes of the begynnynge of the marye of the backe, constitutinge and making another parte of the fourth bentrpcle, and lykened of Derophilis to the bolownes of a penne, whiche we doe dyppe into the pake when we wayte. For thys feate marked with Lanfwereth to the holowe parte of the penne whiche in waytynge is nexte to the former fringer of the wayter, but Mand N are allembled and whened to thole angles and corners which con Afte at the hors of the holotones of the penne, and o expression the popule of the peane wherwyth we Doe fashion the letters.

Deteis cutte awaye of the mary of the backe, where as it woeth furth fallpinge oute of the foull into the turningetoyntes of the backed to said agained?

The eleuenth fygure of tho head with the declaration of bys karacters.

> Athes froure, the honder bearne the foult and from the mary of the backe, and lyeth here wyde byward the wynge the lower feate thereof where to beholdeth and loketh to

the marge of the backe, and therefore it heweth the feates and places wherein it is continued and topned to the marge of the backe, and it theweth alfo the boughte whiche doeth make another potts on of the fourthe ventrycle or holowes, whiche is common both to Cerebillariand to the marge of the tracke. And also at the lower lease of their presence space whether the tracke of the mappele parte of Cerebilla, that the nature of the procedunges south whiche are lyke to a worme myghte come in Cockeand before. bethe and percent frequency of agains of and

thymic panniele clothysine the laybe Gerbellonipe and energe partetherof, is here lette fouth busomes reb of that paunicle:

The lefte parte of Cerebellum,

of tefficie The nipodle patrof Cembellum a thes capptal letter C noteth the former region of thes parte. Inp this: fmallletter ofhemeth the hymber moze. Baran

Che endes or leaupinges of the impoble parte of Cerebelhum of whome thes o noteth the former, and

d the hondermoze parte.

The bought of the Cerebellum, which with the bought of the marpe of the backe constituteth the bentrule; which we cal the fourth entraple of the bragne.

G, G Inthele feates og places Cerebellum groweth to the marve of the backe.

The former ende of the mode parte of Cerebellumis H here fet forth as though it were cutte of frome and other Cerebellum.

of also from the sayde Cerebellum.

The welfth figure of the heade with the declaration of hys karacters.

prese control lefte which in the registe brapne bernge enclye lefte; whiche in the cyghte and nonth fegures was hyther to referued . But that postion of the wayne confifteth not here in his feate and place, but is lefted by, and fombhat turned ouer into the hynder partes frome the coote of the brane panne, that the processes of the brane whiche arelyke to the sape and forme of synowes, and whiche do ferue allo to the instrumentes of the Enclipage, myght at the lafte come forth and be fene of whom the lefters; lyfred by out of his feate with the brapue, the regite bernge yet, knytte to the harde panincle of the brane, where it is brought as

boute the eyght hone of the heade, and am tong The right parte of the brapne.

Theleft parte of the brapne, pet belmapte aboute both the thymne paunicle, lykethyle as the crants c The ryghte instrument of finellynge, pet kepte in

bis feate and place,

ethe lefte inftrumente of Inclipinge tourned ouer

with the brayne into the backe partes. (110) 197 901 28 bought or holownembheron the lefte infirmment of finellynge ineth, and hera is the ined that place of the harde pannicle, whyche because of swellynge is

.0.5.

the harve pannicle, whyche vecaute or imelyage is pearced through in thus place with manye small hooles, as it is founde in the curtynge, the small hooles, as it is founde in the curtynge, the small running education them, whiche hos go to the fell running education them, whiche heape small braunishes into the harve particle of the brapae. A shad off iowe parter, whiche are grown in the information is so of finellungs.

H Apolion of the parts of the barbe participated

#### The tables of the Brayne.

branne, which beutbeth the right part of the branne from the lefte.

I,1 The brane bepage in all places lyke and according to placenes of place which is made holow for it. And here at pregio of pone of procede at it is corespodent to puttes a holes made a grane for it, anote hangeth foathe with lyghte knobbes lyke womas teates called of many men Mamillaris proceffus.

The fufte bapne, whiche goeth to the fcul, to whom the hole, which is growen into the feconde papie of

fprowes grueth waye. Lighe as the haracters for lowginge, lurketh in the Chadowe of the holowies of the hynder parte of the heade, and is not muche to be regarded, for it the weth but the bought of the scull to the whych bought the ryght parte of Cerebel= lum ig agreable.

M, Sheweth the leate beholdinge the myddle parte of Corebellum,

N The bought in whome the lefte part of Cerebellium is

Sheweth the ryghte or firfte boughte of the harde

And P the thyrde, where & theweth the feconde or lefte bought.

> The thyrtenth froure wyth the declas ration of hys karacters.



the fraure doeth lee all together on the hynder parte of the heade, and all the lubstaunce of the braphe, whyche was therein lefte, hangeth beynge tourned

doline into the hynder partes, that the goinge together of the lynowes of lyght, with the instrumetes of smelling, and the greatest braun thes of the lopozall arterye, nighte come to lighte.

A.A The reghte parte of the brayne, beynge pet wap= ped about, with the thinne pannicle of the braine. The lefte parte of the brapue.

The knobbes of the brane, whiche for the limilis tube and lykenes that they have with the teates, are called Mamillaris processus cerebri.

The boughtes or holomies ordeined to the inftrumentes of fmellynge.

Theoge deupdinge betwene the boughtes ozbep=

ned to the infrumentes of smellynge. The boughtes of the scull to the whiche the Swels lynge knobbes of the branne lyke teates, marked with Cand Choeagree and ferue.

On bothe spoes is noted the sprie bayne of them G,G which Doe go into the fcul.

The tytte vayne of theym whyche goe into the

Here is noted a vellell corespondent to the bapne. whiche bellell runneth furth into the thome panntcle of the brayne, from those bessels which do cons lift in the harbe pannicle.

The beginninge of thole goinges forth that procede by the lyde of the barde pauntele, as thoughe it were a bayne commetted to an arterye, and thefe gornges forth are marked in the firste figure with many of this letter D. LL The infrumentes of finellyings and the brayne Ma to are here pulled away bownwarde from the bas De pannicle.

The gopnge together of the fpnowes of fight, The linowe of fight going to the right eye.

o The lynowe of lyght goinge to the left eye, accomand broughte forthe frome thole bellelles whiche knytte there together the thynne pannicle of the

P A braunche of the Coporall or Ceppe arterpe pears cynge throughe the harde pannicle of the brapne buto the fpde of the karnell whiche teceaueth the

fleamatike humours of the brapne.

A braunche of the arterpe noted wyth? comminge to the right bentricle of the brapne.

R Aspringinge forth of the arterye noted with Phere specopinge forth hys circles into the thenne pannia cle of the branne.

Dere is fene a postion of the balyne whiche receas ueth the flegme from the bray ne.

> The fourtenth fygure wyth the declas ration of bys karacters.

Ere the heade leeth leaninge on hys lefteeare, thewenge forth the roote of the inner amplitude oz largenes of the scul, compassed and gerbed about with the harde pans nicle of the brayne . And also as muche of the brayne, and of the marge of the backe pet hyther to is referued as fuffileth to beholde the paytes of the fynomes of the bragne. furthermore we have cutte awaye the fpryngynge furth and the topppinge together of the lynowes of the lyght, lefte the valpne, whiche receaueth the fleame of the brayne shoulde be there with bydde frome oure spghte.

A, A A small portion of the brane, with the begyininge

of the marye of the backe.

B, B The fynowes of fyght fene here onely on that parte where they goe forth of the amplitude and larges nes of the scull.

The balyne receaupinge the flegme of the brapne. Here is the wave ferninge to the balpne, whiche bypngeth downe the flegmatyke humoure of the brapne for the thyrde bentricle. beying noted in the seuenth and eight figure with 1.

A braunche of the right soporall arterpe pearcinge

through the harde pannicle on the right fyde of the

karnel where the flegme of the branne is taken bp. A braunche of the left fopozall arterye pearcynge through the harde pannicle of the brayne, nigh bis to the lefte fyde of the foresayd kamel.

The Cenderer coote of the the brayne. of the brapne.

The thycker and greater roote of the thype paper

of synowes of the brayne.

The fourth payre of synowes of the brayne bottom bying bpon the greater and groffer roote of pthirte pape of fromes of the heavne.

L The leller roots of the tyfte pape of fenomes

#### The tables of the Brayne.

the brapne, knowen to berpe fewe of all the profellogs of Anatompe=

The fifte payze of lynowes of the brayne, or the greater roote of the tyfte payze.

The beginning and small braunches of the syrt

papie of finowes of the brayne.

The begympnges and Imal braunches of the les tienth payze of fynowes of the brapue. And of there be anye thonge els to be loked on in thes prefente. fygure, it maye wel be perceaued and that cafetye, etten oute of the nerte fpgire before thes, withoute feether helpe or bulynes with karacters.

The fyftenth fygure of the heade wyth the declaration of hys karacters.

fet forthe that portion of the scull fet forthe that portion of the icult wrapped with the harde pannicle of the brayne, which is had about the middle of the bone like a wedge with the instrumentes nowe to be Declared. for it were but a follye to lette forth the

whole heade bycause of these parfels. Postions of the lynowes of lyght.

The arterpe of the lefte lyde, whiche pearcynge through here g harde panicle, is diffributed partly into othprine panicle of the brayne, and partly alfo into the right bentricle of the lapde bragae.

Thearterpe of the right lide.

Here hangeth forth the balpne beyng gathered together, which receaueth bp the flegmanke humour of the branne, dropppinge downe oute of the thyrde

A poole where to the ende of the balpne made after the maner of a funnell, goeth bnto the Barnell, whits the ende of the brapne receaucth the flegme of the

c,c Portions of the seconde paper of spnowes of the

brapne.

The syxtenth sygure of the heade with the declaration of hys karacters.

no in thes fegure we have fette fouthe the harnell bare of naked, where the flegue of the braphe is receaucd, and also the basene of his funnell, which booth concape fouth to the place the sayde flegue, which have based of furnell poeth, here have further the balpne or funnell poeth bere hange furthe weakelpe or withoute fixength, or as it were flags gonge. And we have here expecte from the lives of portions of the fopozal arterges, which are hole den to Chape or fachion the nettye inwrapper called plexus retiformis in luche maner and forme as it apeared to be in the cuttynge. And as thefe postions of arterpes toe after opuerle fallions apeare to the cutters, to be have allo opuerlelpe of forbed and fette them forth.

The karnell takenge in the flegme of the brayne.

The baline or funnel, carping forth the layo flegme boon the forelayor karnell.

The baline of the arteryes, whiche are borne forthe

Sophyle, alonge the procedyinge of their booles

in the bone of the fcull.

A braunche of the lefte arterpe runnpinge furth into the lefte lyde of the harde pannicle.

E. A postion of the lefte arterye, pallynge forth by his proper hoole, and comming buto the amplitude and largenes of the noftrels.

F,F In this feate we have difcribed a diverle ozber of & arterpe, and the roaht Fnoteth the arterpe brought furth in suche a sozte, that it is not here deupded. lyke as the lefte. F Meweth thys arterpe parted in= to two braunches, whiche strayte way comme bothe agapne together in one.

. G Portions of arteries crepringe throughe the harde pannicle of the brayne and distributed partelye in to the bentricles of the brayne, and partie into the thin panicle brought aboute the rote of the bragne.

H A braunche of an arterye tallyng oute of the brapne panne, by the hoole of the feconde payze of finowes of the brapne, and goinge to the fynowe of fyghte and afterwarde to the eye.

> The seucntenth fygure of the head poyth the declaration of hys karacters.

A thys fygure we have fette forth the interapper called Plexus, as it ought to be, that it might agre with the discription of Gale in hys boke empteled of the ble of the partes. and therefore, let Aand & ligntfpe

the arterpes gopinge bilder the fcull, bepinge after= warde (parted and (predde abroade into the intrap= per called Plexus mirabilis, that is to fage the wonder=

But cand o note the braunches into whom & Iprin' gonges furth of the lapbe Plexus are gathered together, and whiche are lyke to them in the greatnes of thole arteryes, whych arteryes we thewed with A & 3 and Enoteth the karnel receauing the flegme of the branne.

> The eyghtenth figure of the heade with the declaration of bys karacters.



furth the procedynges of arreites confiltynge under the harde pannicle of the brayne, and creapynge to the lyde of the karnell whythe recease them in cuttings in the brayne,

as be have founde them in cuttinge in the heades of thepe and oren. Bud we have here exprette and fette forthethys matter for thys caufe, that no man thulbe thinke be to be ignozaut, what difference (in parte)is between thole forefaybe beattes and man. for thes & frantieth in thes fegure that harnell to often spoken of . And s and c apopute the feate of the arterges where they goe firfte mto the feull.

> The nyntenth fygure wyth the declaras tion of hys karacters.

## The fraures of the eye, whiche is the infirmment of franci

R thes small fegure we have deutsee the basene lette by reghte as a cuppe where by the slegme of the brape doeth distel into the carnell whyche is biderneth it. And after warde we have sette fouth here sour wapes, whiche beare furth the slegme from the kar-

nell by the hooles, whiche are nexte the cannell. and A theweth the karnell into whome the flegme is instylled, & the balyne whiche wape it is brought. But (D F and F are lette on the wayes orderned to the moore eafter goynge furthe of the flegme whiche commeth to thes place . furthermoze be= lyde these fygures belonginge chiefelye to the knowledge of those thynges contayned in the amplitude and largeneffe of the brayne panne, pea, the fylte and the feconde fygures also of fynowes doe bery much ferue a helpe, whereof we have here alfo lette forthe the firste, whiche is in numbre the twen? tieth, whiche because we have opened it at length in the treatyle of lynowes, we thynche it here super-Auous agapne thereof to make repetition, therfore requiringe more fufficient or plenteous instruction herein pou maye at pour pleasure thyther relotte or repayre for the fame. And althoughe the 21,22, 23 and 24 frgures make not berre muche for thes presente purpose, ye shall yet bnderstande them for thys cause to be added. The one and twentieth chie= felge and the two and twentieth, that they myghte thewe the feate, the place, or the baulte, or house whiche boeth embrace and compaffe on energe fybe the body of the braine, or wynde aboute it. And ther fore the one a twentieth figure theweth & inner lyde of the roote of the fcull. for here we have fette forth the foull, in the whiche the higher parte thereof, (whiche falbe opened in the two and twentieth fi qure)is here taken awaye after that falhion, as we are wonte to doe when we ble to delipde and parte the scull with a sawe: when we goe aboute to thewe the whole fathion and frampinge of the brayne.

In the two and twentieth fraue I shall shewe the reste of the uner parte of the bragne paine, whiche was not sene in the one and twentieth, you shall not neve here to loke after a curious declaration of g karacters, whiche shalve done more comos

Dioullye in another place.

The declaration of the karacters, which are founde in the fygures of the eyes.



one halfe or part of geye, which is deupded with one cutte or fighte frome hys former leate by the hyndermore, and so by the synowe of the lighte as thoughe one should sette it forth in a sygure on parte

or the halfe of an onyon beupded in longetwie that parte or lipbe outwarde, whiche grewe nerte to the other parte from the whyche the halfe was cutte as wave. Ind after this maner we were also wonte to pointe and serie forthe the heavens with the four

Clementes on a playne or imoothe grounde by

A The criftalpne humoure.

B Tote or tunicle inwapping or brought about the former feate of the criftalyne humoure, and it is for cleare that we may elee through it, lyke the thinnest skinne of an onyon.

C The bitrial or glaffye humoure.

De substaunce of the smowe of sight.

The cote whiche we lyke or compare to a nette, whiche the substaunce of the synome of syght when it is resolved docth constitute.

A portion of & then pannicle of the brayne, brought

aboute the spnowe of syght.

d Vues tunics, whiche is a cote lyke buto a grape, into the whyche the thome pannicle whiche doeth clothe the synowe of the syghte doeth degenerate and tourne.

H In thus feate or place the sayde cote like the cote of a grape, is thrust together backwarde, neither touscheth it the hompe or showing core whiche is brought about it on the litter side.

I a hoole where Vueasunica is pearced, or the bal of the

eve

K A cote takenge hys begynninge frome the layde Vues, and lyke to leme to in his Chape, to the heares on the eye liddes, a the space between the vitriat hus mour and the waterye humour.

L. I postion of the harde painticle of the bragne foul-

dynge aboute the synome of sight.

M, The harde tunicle or cote of the epe, whom & harde pannicle of the brayne booth conflitute.

M A parte of that harde tunicle or cote of the eye whis

o,0 The waterye humoure. And the neathermore of theweth the leate in the whiche the fulyons of water doe often tymes come furth.

P.P Apulcles whiche do moue the eyes,

The cleaupinge to or the whyte cote of the eye.

But these fraures followinge do expresse the parters of the eye in order, as these humours first, and afterwarde the cotes. And you make berye well and aptly conferre enery one of the to the firste fraure, for so muche as in the order of composition and making they followe all the one after the other, and are all expressed and sette forth to the proportion of these synce frague.

Eyghtene fygures followynge alin order after the fyrste, wyth the declaration of their karasters.



the seconde fragure expresses the crystalyne humour only on the form mer speare to hom whethe woulde be holde and looke on directly when it is sette cleare of all the partes,

whiche doe compatte it aboute,

The thorde fogure theweth the crostallone has moure thewange it selfe arthat feate or place where it is loked on wha a man beholdeth it on gone sides

### The frautes of the eye, whiche is the instrument of fraht.

A while ! But R noteth the feate or Charpenes to whome the cote of the epe, whiche is lyke to the hecres of the epe livoes, and is to be occlared in the elementh and fivelith fraures, booth growe to the cristallyne humoure,

The fourth fraure theweth the glasse of bitriall humoure, so let forth or graven, like as it should be sene in the bitter parte of the eye, when the cristal lyne humoure is taken from it, if it might be sene bere, as it is in the eye it selfe. For this letter s sheweth the holownes therof in the whiche the mybble parte of the cristallyne humour was set.

The fifth figure sheweth the vitrial humour after the same some as the fourth byd, but that the cri-T stallyne humoure noted with T, doeth yet as it were swimme in it.

The lyste fraure theweth the vitrial humoure on the fyde, with the critiallyne humoure allo, whis the crystallyne humoure marked with V doeth appeare as it were swimminge in the sappe glasse humoure.

The feurith fraure so expresses the waterpe humour out of the spoe, lyke as it consistes in the x eye, and it couerest yet the former seate or place of the crystallyne humour, for these letter x set in this fraure noteth the cristallyne humour, and r noteth that seate or place of the watryshe humor, wherein is contained parte of the core called hee, the eye beings whole, whiche doeth go awaye and is a sunder from the home cote.

the eighte figure theweth furth together, both the glasse or bitriall humoure noted with a and the waterploe humoure also marked with b, so disterpinge of sette a sunder frome code other, as they are deutoed and sette a sunder with that core, which be pon good consideration we have likecied to the shape and some of the beeres in the eve livedes. And the seate of this tunicle consustinge, and beinge between those humours is noted with controlled.

The north fogure theweth the cote, which goeth shoute and infouldeth the former seate of the cross stallone humaure, and is berye cleare and transparnant here, desputed from the sapple humaure.

moure on the lyde beinge pet couered with that timicle of themes cote that the nynth fragure expels feth, and here d theweth the tunicle, and heweth the thingle, and heweth the hynder pacts of the crystallyne humoure, not compassed about with that tunicle, but pet swymming in the bittial humoure, as it doesn when the epets whole?

bymber parte of the cote, whiche the cote called Puce, bymber parte of the cote, which the cote called Puce, bymber houth, which is lykened to pheces of the epe lybbes, But thus groweth fouth from the cote called Puce and expecte, which is marched with

es ge beynge graften in and growinge to the crystals

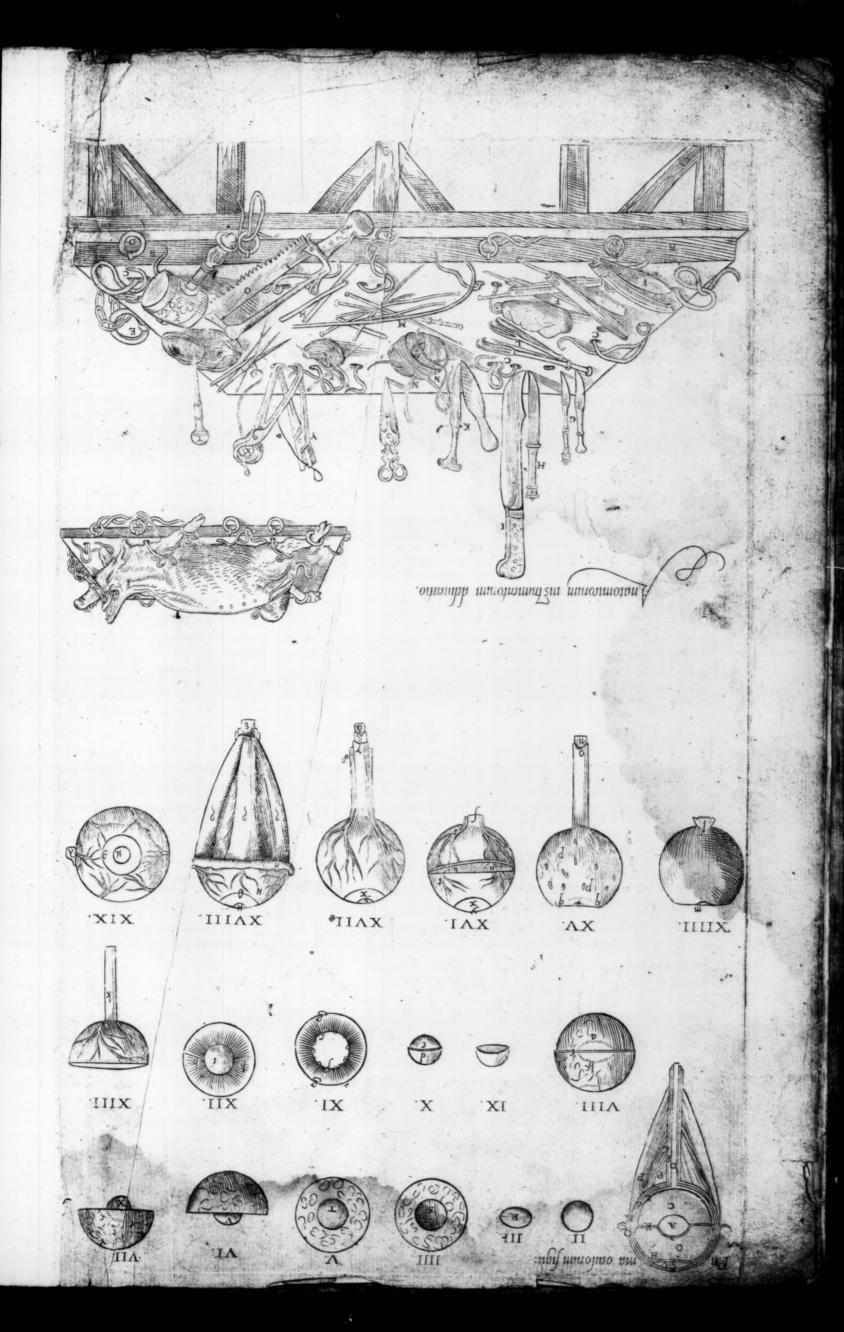
The twelfth frgure contarneth the core that the elementh shewed, bernge pet broughte about with the bitriall or glassye humour, and growinge styll b,b to the crystallyne humour, for b and b note the cote i, where as i noteth the crystallyne humour.

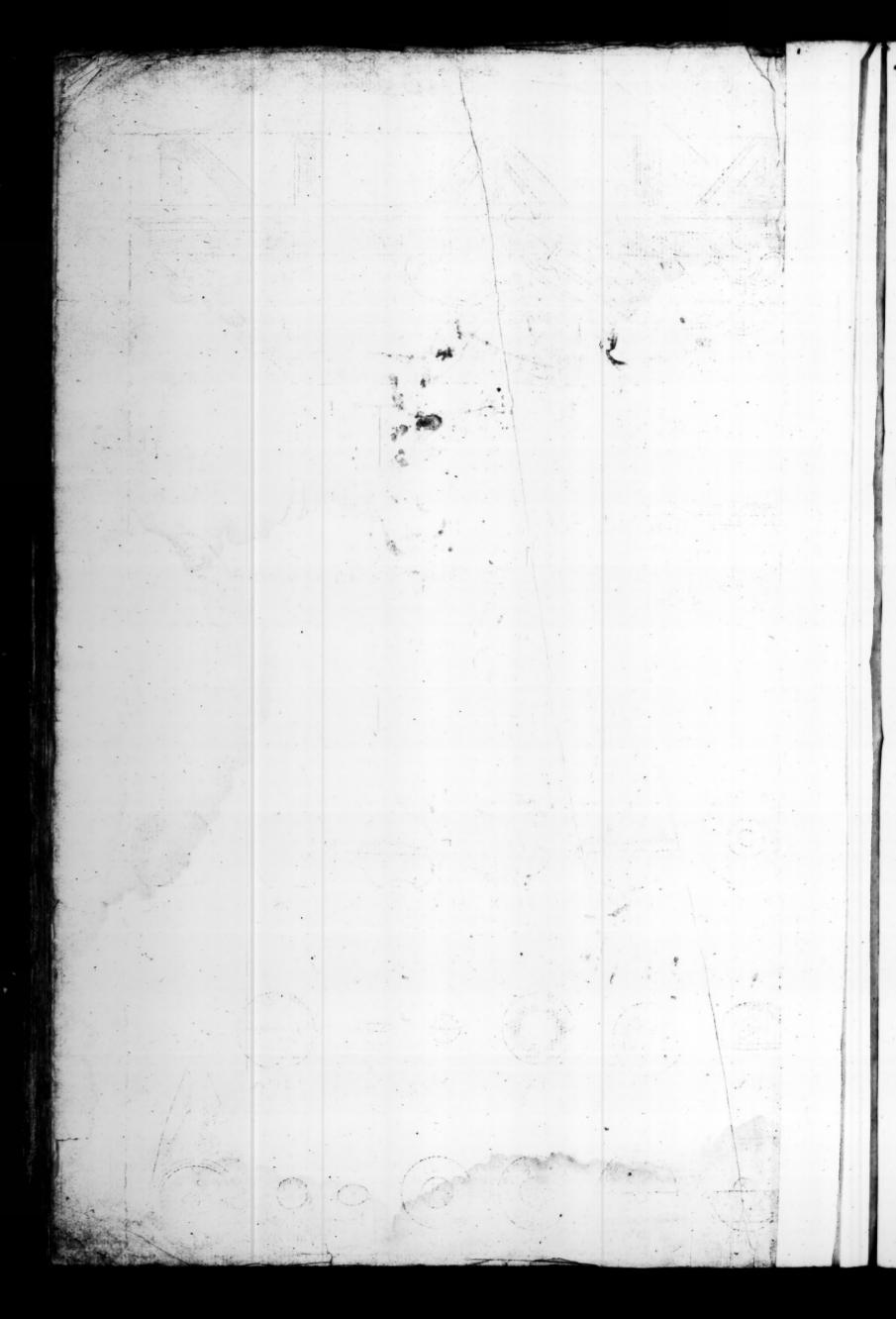
The thertenth fugure theweth the cote whiche the compange maylters of Anatompe doe compare and lyken to a nette, and thus is also declared and lette forthe on the syde with the substance of the synome of syghte, noted with k, and is desurred from the harde and thume pannicles of the brayne.

The fourtenth from the leave the faltion of the inner face or lyde of the cote called Vuca innica for it is here lette forth tourned over the inlyde out, as we ble to doe in our Anatomye and cuttyinge, and so inotetha small portion of the cote into the which cote the substance of the synowe of syghte is dissoluted, and moteth the leate or place whereunto the former region of Vuca is thruste inwarde or towarde the backer partes.

The fystenth france contenneth and expresseth the Mape and fathion of the outly be of the cote, whiche 15 lphe a grape, beyinge fette touth on the fpbe therof, and the substaunce also of the synowe of syghte whiche is covered with the thinne pannicle of the brapne. for " noteth the substaunce of the spnowe » of the fight, here deliquered from the thome pan= nycle wherwith it was couered . And by . is noted the thonne painticle covering the substaunce of the finow of fight a here made bare fro the harde pana nicle, whiche also byo inwap it before the fection. pp at thefe letters pare certapne finall postions of vapiles and arteryes, which do goe from the harde cote of the eye into Pues otherwyle called the cote lyke a grape, and arehere broken awaye by the oz Der of Anatompe. And 12 note the leate where the fapte Vuentunica or cote lyke a grape is thruste together withe former parte, and goeth awaye frome the hounge cote, apoynteth the hoole, whiche boeth constitute the bal or & apple of the eye, wher with we fee, and it is called intatone Pupilla,

The lixtenth ligure sheweth the harde cote of the epe out of hys syde, decipded with an ouerthwarte section or cutte that the order or procedying of the bessels, whiche doe goe from it to the cote whiche is spke to a grape might come to sight a bessels. And therfore lette stygniste the synowe of the sighte, stutte of with the two pannicles whiche do inwrappe in the sape synowe beying accompanied with bapanes and arterpes, and shewe the bapnes and arterpes runnings furthe by the harde pannicle or cote of the epe, and shewe the cote lyke a grape there sene by reason of gruttings of the harde cote, and receasings the small braumches of the bessels of the harde cote, but a speech the seate where the barde cote of the epe is lysted by after the maner





# The fygures of the eye, whiche is the infirument of frant.

of a hoane , and is fene bery cleate og thennynge through, and the hoole of the balle of the epe both anfwere to the place marked with ..

The feuententh figure letteth foozth to be fene on the libe, the outlide of the layde rate of the epe, whole and naked without anye coueringe, and a great poztio also of the synow of sight, in the whi a B the poztion a noteth the lubftaunce therof, and B the thorne pannicle wherewith it is compassed, , A & , the harde pannicle of the brapne, and & bapnes and arteries keping companie with the finow of the lyghte. furthermoze xand pgnifie the fame here as they did in the firtenth.

The epattenth figure expecteth on the lide, the epe delivered from the epelyddes, and taken out ofhis feate in the feul, and with him also the muscles not pet taken awaye a funder. And flignis 33 fieth the fynow of light, 323 the mufcles mouing the eye, and a the falleninge og cleaninge core of o the eye, the greater circle of the eye lyke to a raine bowe, where the pannicle cleaning to itooth ende and groweth moofte fafte to the hoznie cote. But "Chall note the feate oz place of the leffer circle, whiche is against the balle of the eye.

The nintenth figure expressed the former feate of the whole eye, onelye delyuered fro the eye lyde A Des, and A theweth here a little pece of fleathe, fet in the greater angle or corner of the feate of the epe. But # 6 a afterwarde " thewe euen the fame here as in the figure next afoze proceding. But if anie man thyncke it requifyte and good to make the beclaratio of the eye fro his outwarde partes let him in bertinge the order of figures, take the nyntenth in the place of the fecobe, and the eigh: tenth in place of the thirde, and fo foozth, pe mape have more knowledge here in the firft boke in the chapter of the eyes.

Of the instrumentes belong yng to the cutters in their Anatomyes or curtynges. The declaration of the karacters of the

Ad in this present figure we have deuised a borde lyinge boon a table, whiche borde we ble conveniently entire meuttynge open of ipuelpe bothe we have made all thenges

fitte that can ferue for ange man in cuttyng, yea,

and for all the whole course of Anatomie. Ind that you may with flelle laboure haue the knows ledge of euery thing by it felfe, we haue fette to e= nerge thing or intrument his feuerall baracters and the Declaration of the fame.

A, A, The table whereon are lapte all the faibe tooles oz inftrumentes whiche are here to be Declared.

B,B, The boade which is meete for the office and worke of cuttinge in linelpe thinges.

c,c, Diuerle & fundage horles into the whiche hooles we poeput cordes and fringes to the or holde the fagde lyuinge beaftes , when we binde they? throhes and armes.

may fee, are ordeined for the handes and fete of

the faid beaftes.

E, To this ringe we binde with a litle chaine the bp per oz higher Jame, the neathermoze being Apil loofe, that the heade mape be kepe ftedfafte a not mouinge, and thus in the meane whyle nepther the boyce, not the taking breath Choulde be lette oz hyndred by reason of the handes.

F.F. Diuerfe and funday hindes of rafours by the whi the rafours lyeth a fponge.

G, Small buyues fathioned like buto penknyues. H. A comon knife, suche as we occupie at the table.

A greate og a ftronge kupfe. K, Anyues made of bore.

L, Doockeg.

M. Dinerle small strayte and longe instrumentes, with also a pype, oz holowe toole.

N,N, Croked neadles with great threde, fuche as we Doe bynde by the boundels of letters withal.

Smaller nedles whiche we doe ble in feweng bp ofwoundes.

o, A sawe,

A papie of ciffers. a, a mallet of woode.

R. Reedes orderned to blowe into the leghtesand lounges and certapne other partes.

s, a threde or wire of latyne whiche ferueth in byne dyng the bones.

T, a booken ozdagned to make holes in the bones.

V. Diuerfe yzon bodkyns.

x, a payze of pincers ozbeined to boto, wzithe oz tus

ne the endes of the thredes or latene wrres.

Y. Pricers wher with we nyppe a funder that whie the is lefte of the threbe , whiche boeth fame pa bynde the bones together.

FINIS.

TImpzinted at London within the blacke fryars:by Chomas Gemini.

Aemo Salutis. 1559. Menfe Septemb;